Технические характеристики

Trilogy Evo

Portable hospital-to-home ventilator

The next generation of the Philips Trilogy ventilator delivers proven performance in noninvasive (NIV) and invasive (IV) ventilation, and is designed to stay with your patients across changing care environments.

Features

For use in dynamic environments

With expanded cross-functionality, Trilogy Evo offers features to treat chronic and critical patients in a variety of settings, such as sub-acute or chronic care environments, a patient's home or during their activities. It's designed specifically with durability in mind to protect it against damage during travel, such as during medical transport.

Long-lasting battery life

Ventilator-dependent patients are supported by internal and detachable batteries, now with 15-hour battery life. Compared to Trilogy 100's six-hour battery, Trilogy Evo gives patients a new level of freedom and mobility. It's ready to be mounted onto a roll-stand or a wheelchair, with a mountable, easy- to-use carry bag.

Meet your patients' changing needs

Trilogy Evo provides noninvasive and invasive ventilator support with added sensitivity for a wide range of adult and pediatric patients. Volume and pressure modes, AVAPS-AE, SpO2 and EtCO2 monitoring and alarms of every parameter allow for adaptable care. Flexibility of circuits allows it to be used in a wide range of patients.

Easy access to data

Trilogy Evo uses Bluetooth to send you patient and device data through Care Orchestrator, our cloud-based tool. This solution is designed to unite the technologies, resources, people and information essential to manage your respiratory patients. With Care Orchestrator, you have the power to create custom health rules based on your best practices and proven processes. You can also download data at the point of care through a USB drive.

A/C-PC	Assist control (pressure control)
A/C-VC	Assist control (volume control)
CPAP	Continuous positive airway pressure
PSV	Pressure support ventilation
S/T	Spontaneous/timed ventilation
SIMV-PC	Synchronized intermittent mandatory ventilation (pressure control)
SIMV-VC	Synchronized intermittent mandatory ventilation (volume control)
MPV-PC	Mouthpiece ventilation (pressure control)
MPV-VC	Mouthpiece ventilation (volume control)

Physical

Weight	5.2 kg
Size	16.5 cm D x 28.6 cm W x 24.5 cm H 6.48" D x 11.25" W x 9.65" H
Screen dimensions	8", 20.32 cm
Low flow	0 to 30 l/min; maximum 10 psi
High pressure	280 to 600 kPa (41 to 87 psi)

Tidal volume (Vti or Vte)	0 to 2000 ml
Minute ventilation (MinVent)	0 to 30 l/min
Leak	0 to 200 l/min
Respiratory rate (RR)	0 to 90 BPM
Peak inspiratory flow (PIF)	0 to 200 l/min
Peak inspiratory pressure (PIP)	0 to 90 cmH2O
Mean airway pressure	0 to 90 cmH2O
Percentage spontaneous triggered breaths (%Spont Trig)	0 to 100%
I:E ratio	9.9:1 to 1:9.9
Dynamic compliance (Dyn C)	1 to 100 ml/cmH2O
Dynamic resistance (Dyn R)	5 to 200 cmH2O/l/sec
Dynamic plateau pressure (Dyn Pplat)	0 to 90 cmH2O
Auto-PEEP	0 to 20 cmH2O
FiO2 with FiO2 sensor	21% to 100%
SpO2 with pulse oximeter accessory	0 to 100%
Pulse rate with pulse oximeter accessory	18 to 321 beats per minute
EtCO2 with CO2 accessory	0 to 150 mmHg

AC input voltage	100V - 240V, 50/60 Hz, 1.7 - 0.6A
DC input voltage	12/24V 6.5A
Internal and detachable Li-on batteries	15 hours' nominal total run time per method in IEC 80601-2-72 (7.5 hours each battery)
Charge time for detachable and internal battery	from 0% to 80%: 2.5 hours; from 0% to 100%: 3.5 hours

Inspiratory Pressure	PEEP+1 to 89 cmH2O
Tidal Volume	OFF, 10 - 2000 ml
Minute Ventilation	OFF, 0.2 - 30 L/min
Respiratory Rate	OFF, 1 - 90 BPM
Circuit Disconnection	OFF, 5 - 60 sec
Apnea Interval	5 to 60 sec
No trigger	OFF; 0.5-15 min (ONLY in MPV)
AVAPS with passive circuit	PSV, S/T, and A/C-PC modes only
Tidal volume	35-2000 ml on Dual Limb & Active Flow circuits, 50-2000 ml on passive & active PAP circuits
Breath rate	0 - 80 BPM
PEEP	0 - 35 cmH20 for active circuits 3 - 25 cmH20 for passive circuits
EPAP/CPAP	3 to 25 cmH20
IPAP	3 to 60 cmH20
Pressure support/pressure control	0 to 60 cmH20
Inspiratory time	0.3 - 5.0s
Rise time	0 to 6
Triggering and cycling	Off, AutoTrak, Sensitive, AutoTrak, and Flow Trigger
Flow trigger sensitivity	0.5 - 9 l/min
Flow cycle sensitivity	10% - 90% of peak flow
Flow pattern	Square, Ramp
FiO2	21% - 100%
Inspiratory time min/max	0.3 to 3.0 sec
Backup ventilation	ON-OFF

*Nominal run time per method in International Electrotechnical Commission (7.5 hour/battery). Detachable battery charge time 0% to 80% is 2.5 hours, internal battery charge time 0% to 100% is 3.5 hours.

Trilogy200
Portable Ventilator

With its added sensitivity, the Trilogy200 offers improved triggering and leak compensation that allows more sensitive delivery of invasive and noninvasive therapy for pediatric and adult patients in the home or in alternative care sites.

Features

Keeping care teams in the know

Trilogy is now connected to Care Orchestrator, our HIPAA-compliant cloud-based patient management system. With the ability to transmit data wirelessly and remotely, Connected Trilogy helps providers deliver quality respiratory care, gain efficiencies, potentially avoid unnecessary home visits, improve care coordination, streamline workflow and prioritize patient need.

Continuous respiratory support for added freedom and mobility

Trilogy provides respiratory support to meet your prescribed needs, up to 24 hours a day. Trilogy is portable with internal, hot-swappable detachable, and external batteries to provide greater freedom and mobility with continuous ventilation. The easy-to-use carry bag is wheelchair-mountable and designed so the screen is always visible.

Easy to use and adaptable for your patients' changing needs

Trilogy is designed with easy-to-read and navigate screens, multiple Rx settings and on-screen waveforms to help optimize treatment. Trilogy's pressure- and volume-control features allow you to provide more types of therapy with one device. The ability to use multiple modes for patients who require varying levels of ventilation, allows greater flexibility in care.

Adapting with every breath

AVAPS-AE--an auto-titration mode of non-invasive ventilation with multiple algorithms that work simultaneously--meets the changing needs of your patients. AVAPS automatically adjusts to breathing, while Auto EPAP proactively adjusts to the lowest effective pressure for peak comfort. Auto Backup delays a machine breath until the patient has exhaled to reduce air trapping.

Circuit disconnect	Off; 5 to 60 s
Apnea rate	Off; 10 to 60 s
High tidal volume	Off; 50 to 2000 ml
Low tidal volume	Off; 40 to 2000 ml
High minute ventilation	Off; 1.0 to 99 l/min
Low minute ventilations	Off; 0.5 to 99 l/min
High respiratory rate	Off; 4 to 80 BPM
Low respiratory rate	Off; 4 to 80 BPM

Measured patient parameters

Respiratory rate	0 to 80 BPM
Minute ventilation	0 to 99 l/min
Vte/Vti	0 to 2000 ml
Leak rate	0 to 2000 l/min
Peak inspiratory flow	0 to 2000 l/min
Peak inspiratory pressure	0 to 99 cm H_2O
Mean airway pressure	0 to 99 cm H_2O
% Patient triggered breaths	0 to 100 %
I:E ratio	9.9:1 to 1:9.9

Dimensions	16.68 cm L x 28.45 cm W x 23.52 cm H (6.6" L x 11.2" W x 9.5" H)
Weight	5 kg (11 lb)

Tidal volume	0 to 2000 ml
Circuit types	Active Flow; Active with PAP; Passive
Breath rate	0 to 60 BPM for AC mode; 1 to 60 BPM for all other modes
Ventilation types	Pressure and Volume
Volume modes	AC; SIMV (w/PS); CV; AC-MPV
Inspiratory time	0.3 to 5.0 s
Pressure modes	CPAP; S; S/T; T; PC-SIMV (w/PS); PC; PC-MPV; AVAPS-EA
Rise time	1 to 6
Ramp start pressure	0 to 25 cm H_2O for active circuits; 4 to 25 cm H_2O for passive circuits; 4 to 19 cm H_2O in CPAP
IPAP	4 to 50 cm H_2O
Ramp length	Off; 5 to 45 minute(s)
PEEP/EPAP for active circuits	0 to 25 cm H_2O
Flex	Off; 1 to 3
PEEP/EPAP for passive circuits	4 to 25 cm H_2O
Flow trigger sensitivity	1 to 9 l/min
CPAP for passive circuits	4 to 20 cm H_2O
Flow cycle	10 to 90 %
Apnea rate	4 to 60 BPM
Pressure support differential	0 to 40 cm H_2O
Apnea rate	4 to 60 BPM

Trilogy100
Portable Ventilator

Light, versatile and easy-to-use, that's the Trilogy100 portable ventilator at its essence. With its light weight and proven technology, Trilogy100 makes invasive and non-invasive treatment less complicated for a wide range of adult and pediatric patients.

Features

Keeping care teams in the know

Trilogy is now connected to Care Orchestrator, our HIPAA-compliant cloud-based patient management system. With the ability to transmit data wirelessly and remotely, Connected Trilogy helps providers deliver quality respiratory care, gain efficiencies, potentially avoid unnecessary home visits, improve care coordination, streamline workflow and prioritize patient need.

Continuous respiratory support for added freedom and mobility

Trilogy provides respiratory support to meet your prescribed needs, up to 24 hours a day. Trilogy is portable with internal, hot-swappable detachable, and external batteries to provide greater freedom and mobility with continuous ventilation. The easy-to-use carry bag is wheelchair-mountable and designed so the screen is always visible.

Easy to use and adaptable for your patients' changing needs

Trilogy is designed with easy-to-read and navigate screens, multiple Rx settings and on-screen waveforms to help optimize treatment. Trilogy's pressure- and volume-control features allow you to provide more types of therapy with one device. The ability to use multiple modes for patients who require varying levels of ventilation, allows greater flexibility in care.

Adapting with every breath

AVAPS-AE--an auto-titration mode of non-invasive ventilation with multiple algorithms that work simultaneously--meets the changing needs of your patients. AVAPS automatically adjusts to breathing, while Auto EPAP proactively adjusts to the lowest effective pressure for peak comfort. Auto Backup delays a machine breath until the patient has exhaled to reduce air trapping.

Specifications

Alarms

Circuit disconnect	Off; 5 to 60 s
Apnea rate	Off; 10 to 60 s
High tidal volume	Off; 50 to 2000 ml
Low tidal volume	Off; 40 to 2000 ml
High minute ventilation	Off; 1.0 to 99 l/min
Low minute ventilations	Off; 0.2 to 99 l/min
High respiratory rate	Off; 4 to 80 BPM
Low respiratory rate	
Low respiratory rate	Off; 4 to 80 BPM

Measured patient parameters

Respiratory rate	0 to 80 BPM
Minute ventilation	0 to 99 l/min
Vte/Vti	0 to 2000 ml
Leak rate	0 to 2000 l/min
Peak inspiratory flow	0 to 2000 l/min
Peak inspiratory pressure	0 to 99 cm H_2O
Mean airway pressure	0 to 99 cm H_2O
% Patient triggered breaths	0 to 100 %
I:E ratio	9.9:1 to 1:9.9

Dimensions	16.68 cm L x 28.45 cm W x 23.52 cm H (6.6" L x 11.2" W x 9.3" H)
Weight	5 kg (11 lb)

Tidal volume	50 to 2000 ml
Circuit types	Active with PAP; passive
Breath rate	0 to 60 for AC mode; 1 to 60 BPM for all other modes
Ventilation types	Pressure and Volume
Volume modes	AC; SIMV (w/PS); CV; AC-MPV
Inspiratory time	0.3 to 5.0 s
Pressure modes	CPAP; S; S/T; T; PC-SIMV (w/PS);PC-MVP; AVAPS-AE
Rise time	1 to 6
Pressure	4 to 50 cm H_2O
Ramp start pressure	0 to 25 cm H2O for active circuits; 4 to 25 cm H2O for passive circuits; 4 to 19 cm H2O in CPAP cm H_2O
IPAP	4 to 50 cm H_2O
Ramp length	Off; 5 to 45 minute(s)
PEEP/EPAP for active circuits	0 to 25 cm H_2O
Flex	Off; 1 to 3
PEEP/EPAP for passive circuits	4 to 50 cm H_2O
Flow trigger sensitivity	1 to 9 l/min
CPAP for passive circuits	4 to 20 cm H_2O
PEEP for active circuits	0 to 25 cm H_2O
Flow cycle	10 to 90 %
Apnea rate	4 to 60 BPM
PEEP for passive circuits	4 to 20 cm H_2O
PEEP for passive circuits	4 to 25 cm H_2O

Pressure support differential	0 to 40 cm H_2O
Apnea rate	Off; 10 to 60 sec

DreamStation BiPAP AVAPS

Noninvasive ventilator

Every patient suffering from chronic respiratory disease has changing therapeutic demands. With DreamStation BiPAP AVAPS noninvasive ventilation solutions, you have the power to treat them that way. Using clinically proven therapy solutions, DreamStation noninvasive ventilators adapt to these changing patient needs, helping to normalize ventilation.

Features

Adapts to changes with AVAPS

With Average Volume Assured Pressure Support (AVAPS) DreamStation BiPAP AVAPS delivers customized patient care by automatically adapting to disease progressions and changing patient needs. It helps to maintain optimal patient comfort and supporting patient care and ventilation efficacy while simplifying the titration process.

Clinically proven solutions

Independently verified outcomes highlight the reduction or normalization of PtcCO2.[1],[2] The addition of the AVAPS ventilation feature to BPV-S/T (Bi-level Pressure Ventilation with Spontaneous/Time Mode) provides beneficial physiological improvements, resulting in a more efficient decrease of PtcCO2 compared to BPV-S/T therapy alone.[1],[2]

Digital Auto-Trak

Digital Auto-Trak is an automated breath triggering, cycling and leak compensation algorithm that adjusts ventilation to the patient's natural breathing patterns. Digital Auto-Trak adapts breath triggering and cycling as the patients disease progresses and helps to eliminate the need for manual adjustments.

Meeting unique patient needs

DreamStation AVAPS aligns with your patient's breathing patterns to minimize applied pressure support, and machine breaths. And, it helps you stay connected and informed with daily data on patient usage, compliance and efficacy.

Specifications

General

Humidification	Heated humidification: fixed, adaptive
Data storage capacity (minimum)	SD card: 6 months, On-board: 3 months
Filters	Reusable pollen; disposable ultra-fine
Device controls	LCD, control dial/push button
Warranty	2 years (US)

Prescription guidelines

Ventilation pressure	4 to 30 cm H2O (increment is .5 cm H2O)
	EPAP: 4 to 25 cm H2O (increment is .5 cm H2O)
	CPAP max pressure is 20 cm H2O
Modes	CPAP, S, S/T, T, PC
Breath per minute	1 to 30 (increment is 1 breath)
Digital Auto-Trak	No settings – fully automated triggering, cycling and leak compensation
AVAPS	Target volume: 200 to 1500 ml per breath (increment is 10 ml)
	Max. IPAP: 6 cm H2O to 30 cm H2O
	Min. IPAP: EPAP plus 2 cm H2O to 30 cm H2O (Minimum Pressure support is 2 cm H2O)
Inspiration time	.5 to 3.00 seconds (increment is .1 seconds)
Rise time	1 to 6
Ramp time	5 to 40 minutes (increment is 5 minutes)
Flex pressure relief	0 to 3 (only in S-mode)
Humidification	Heated humidification, fixed, adaptive (standard 15mm or 15 mm heated tube)

Dimensions	15.7 x 19.3 x 8.4 cm (w/o humidifier) ; 29.7 x 19.3 x 8.4 cm (w humidifier)
Weight	1.33 kg/2.94 lbs (w/o humd); 1.98 kg/4.37 lbs (w humid); Incl power supply
Voltage	100 – 240 VAC
Frequency	50/60 Hz
Amperage	2.0-1.0 A

[1]Murphy, Patrick, et al. "The effect of volume targeted pressure support (PS) ventilation with autotitrating expiratory positive airways pressure (EPAP) and back up rate (BUR) on sleep quality in COPD-obstructive sleep apnoea (OSA) overlap syndrome." European Respiratory Journal 42.Suppl 57 (2013): P2583. With respiratory insufficiency patients diagnosed with COPD.

[2] Windisch, Wolfram. "Average Volume-Assured Pressure Support in Obesity Hypoventilation." CHEST 130 (2006): 815 With respiratory insufficiency patients diagnosed with Obesity Hypoventilation Syndrome

[3]2016 Internal assessment of leading competitive BiPAP devices with backup breath rate comparing Resmed Lumis and AirCurve NIV product lines.

*With respiratory insufficiency patients diagnosed with Obesity Hypoventilation Syndrome

†Windisch, Wolfram. "Average Volume-Assured Pressure Support in Obesity Hypoventilation." CHEST 130 (2006): 815

DreamStation BiPAP S/T

Noninvasive ventilator

DreamStation BiPAP S/T makes your patient's care personal and their care plan efficient and effective. To encourage long-term use, DreamStation algorithms automatically adjust to patient needs, and help them adjust to and continue to use therapy. And the DreamMapper application offers coaching and therapy engagement tools to support adherence.

Features

Stay connected to patients

DreamStation delivers the most comprehensive suite of connectivity options among leading ventilation brands.[1] With integrated Bluetooth® on every device and optional Wi-Fi and cellular modems, you can choose the options that are the most cost effective and the best fit for each patient.

Humidification (optional)

Humidification options include fixed, adaptive, heated tube and pre-heat humidification mode. The modular design features a one-piece, dishwasher-safe water chamber.

Increased efficiencies

DreamStation BiPAP S/T connectivity options transmit waveform and therapy data quickly and cost effectively to support your ventilation reporting needs. The reported feedback can provide better information for troubleshooting and possibly fewer returns.

Daily progress feedback

The Daily Progress Feedback on BiPAP S/T displays a simple trend of the patient's nightly use to help users track their therapy progress.

Specifications

General

Humidification	Heated humidification: fixed, adaptive
Data storage capacity (minimum)	SD card: 6 months, On-board: 3 months
Filters	Reusable pollen; disposable ultra-fine
Device controls	LCD, control dial/push button

Prescription guidelines

Ventilation pressure	4 to 30 cm H2O (increment is .5 cm H2O)
	EPAP: 4 to 25 cm H2O (increment is .5 cm H2O)
	CPAP max pressure is 20 cm H2O
Automated Airway Management (AAM)	Max. EPAP: 4 to 25 cm H2O
	Pressure Support: 0 to 26 cm H2O
Modes	CPAP, S, S/T
Breath per minute	1 to 30 (increment is 1 breath)
Digital Auto-Trak	No settings – fully automated triggering, cycling and leak compensation
Inspiration time	.5 to 3.00 seconds (increment is .1 seconds)
Rise time	1 to 6
Ramp time	5 to 40 minutes (increment is 5 minutes)
Flex pressure relief	0 to 3 (only in S-mode)
Humidification	Heated humidification, fixed, adaptive (standard 15mm or 15 mm heated tube)
Dimensions	15.7 x 19.3 x 8.4 cm (w/o humidifier) ; 29.7 x 19.3 x 8.4 cm (w humidifier)
Weight	1.33 kg/2.94 lbs (w/o humd); 1.98 kg/4.37 lbs (w humid); Incl power supply

Voltage	100 – 240 VAC
Frequency	50/60 Hz
Amperage	2.0-1.0 A

DirectView
Reporting software

DirectView stores and analyzes data, streamlines reporting, and provides fully customizable and easily exportable reports to help identify adjustments necessary to maintain effective treatment and enhance patient care.

Features

Comprehensive therapy data streamlines clinical evaluation

DirectView enhances clinical evaluation with quick access to full patient therapy information. This includes waveforms, trends, usage patterns, and summary statistics. It also allows prescription management through the use of a commonly available memory card. DirectView is available for use with the Trilogy ventilator, CoughAssist airway clearance devices, SimplyClear, BiPAP S/T, AVAPS, A30, and A40 devices.

Full sets of reports for a complete overview

DirectView's fully customizable and easily exportable reports include trends (a high-level view of patient therapy for the past year), daily details (a daily view of patient therapy over the past 30 days), ventilator usage charts, a quick view into the statistics of patient therapy, and prescription history.

72-hour timeline for breath-by-breath detail

DirectView allows you to examine the past 72 hours of breath-by-breath waveforms for flow, leak, pressure, breaths per minute and tidal volume.

Care Orchestrator

Sleep and respiratory care management system

Drive collaboration among your care team with actionable patient insights delivered straight to their smart phones, tablets, or PCs. Remotely monitor and manage all of your sleep apnea and respiratory patients with a single system. Increase your team's efficiencies and streamline your workflow for a sharper focus on higher clinical priorities. Run your business as you see fit, customizing reports and alerts to aid in identifying patients at risk and provide them with timely care.

Specifications

Care Orchestrator works with the following web browsers:

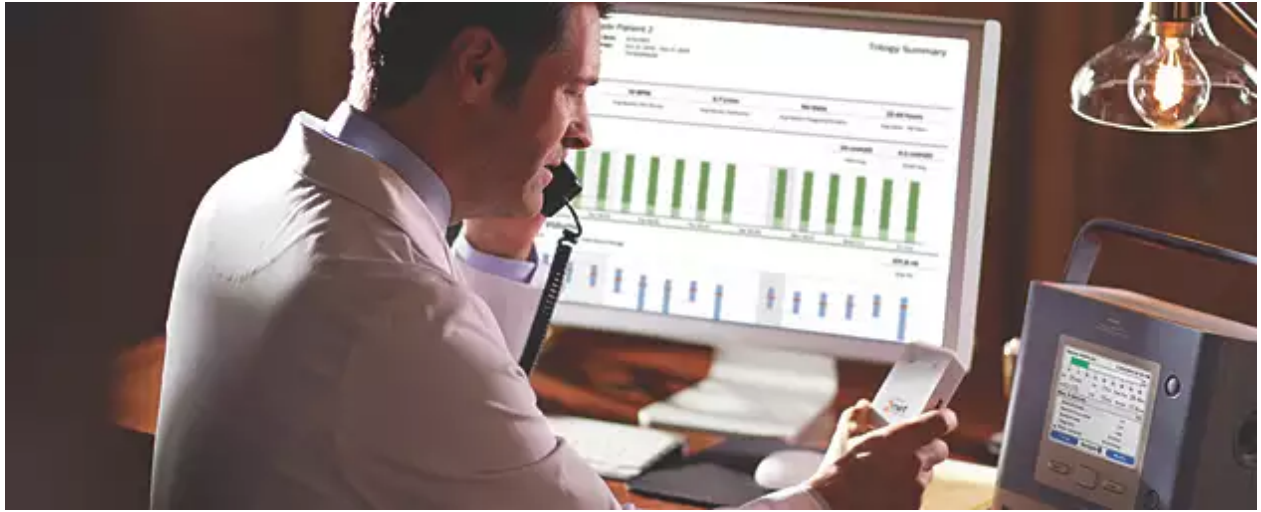|	
Client Browser	Microsoft Edge, Safari, Firefox, Chrome

Operating System

Windows	Windows 10
MacOS	MacOS 10

Features

Unify care teams and enhance interoperability

Care Orchestrator integrates sleep and respiratory patient information with hospital EMRs, insurance claims, and billing systems. So the entire care team—homecare providers, physicians, and payers—all have fast and easy access to critical data across devices and locations. Empower team members to make informed clinical decisions, monitor patient progress, streamline the billing process, easily submit claims, and more.

Monitor and manage patients remotely

Anticipate and resolve most patient concerns via remote patient monitoring—to help save time and avoid unnecessary costly home visits. Use advanced telemonitoring to connect with sleep or respiratory patients who are having clinical, equipment or therapy adherence issues—and prioritize those in need of intervention. Stay ahead of issues before they impact care through enhanced clinical reporting and automated adherence reports.

Optimize your team's time

Care Orchestrator allows you to simplify day-to-day operations and improve staff productivity—with fewer resources. Automate and streamline your workflow, so your teams can spend more time on patient care. Optimize your staff's ability to focus on high-priority clinical and compliance issues. Elevate disease management and keep patients healthy at home.
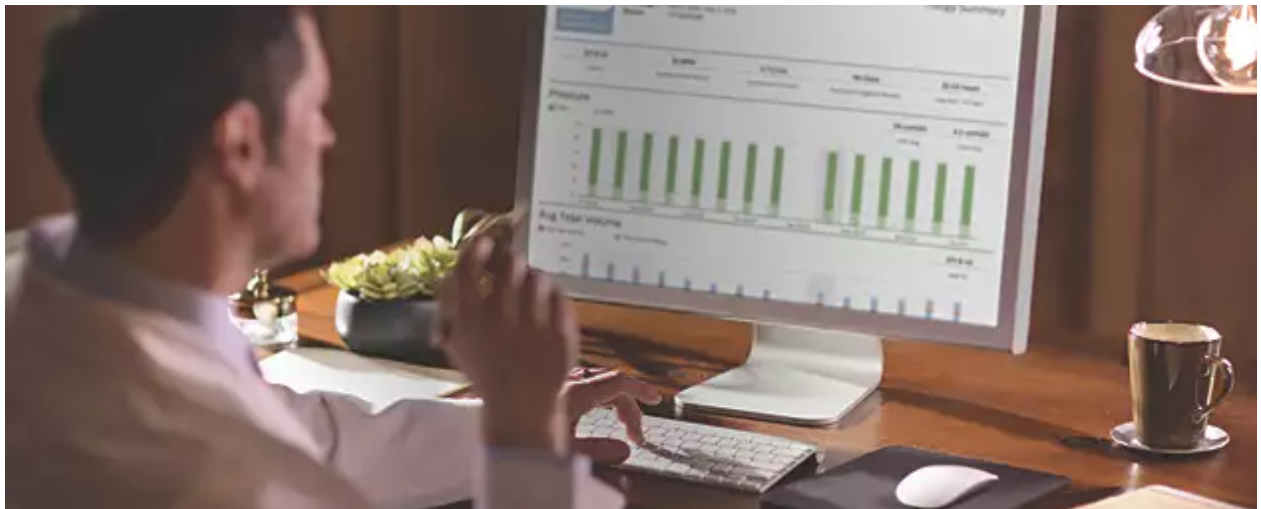
Run your business your way

You make the rules with Care Orchestrator—tailored to the unique needs of your business and patient population. Calibrate adherence scores for sleep patients based on the requirements of different payers. Customize ventilation rules to identify patients who may need your assistance. Set parameters for alert management based on each patient's health and usage information. You have the flexibility to do all this and more.

EverFlo Q

Home oxygen system

Respironics' compact, 31-pound EverFlo Q is the first ultra-quiet concentrator available at an affordable price. It has the ease of use of our popular EverFlo oxygen concentrator and adds an ultra-quiet sound level.

Features

Compact design looks less like a medical machine

EverFlo's ergonomic design takes up less space and doesn't draw as much attention.

The Right Fit series focuses on patients' needs

EverFlo is part of the Right Fit, a complete portfolio of oxygen products and programs inspired by patients and built for business.

Ultra quiet operation reduces noise complaints

The EverFlo Q has only a 40 decibel sound level, which significantly increases patient satisfaction. A feature advantage that's attractive to both physicians and patients.

Low maintenance for reduced service costs

No homecare provider filter change for two years. Patients do not ever have to change filters.

Lightweight for easy transport

The EverFlo Q weighs in at only 31 pounds, reducing shipping and storage costs and risk of injury.

Lower power consumption makes EverFlo patient-friendly

The system uses less electricity and produces less heat.

Humidifier Bottle Platform for extra flexibility

The platform is designed to be compatible with all bottle styles and features an easy-to-use closure.

Oxygen purity indicator option for increased security

EverFlo is available with or without oxygen purity indicator. This OPI (Oxygen Percentage Indicator) ultrasonically measures oxygen output as a purity indication.

Recessed flow meter reduces accidental breakage

Recessed flow meter reduces accidental breakage

Durable metal cannula is less likely to break

Specifications

General system

Sound Level	40 (typical) dB
Dimensions	58.4 cm H x 38.1 cm W x 24.1 cm D (23" H x 15" W x 9.5" D)
Input Voltage	120 VAC +/- 10%
OPI (Oxygen Percentage Indicator) Alarm Levels	Low Oxygen (82%) and Very Low Oxygen (70%)
Average Power Consumption	350 W
Input Frequency	60 Hz
Oxygen Concentration*	(at 5 LPM) 93% +/-3 %
Weight	14 (31) kg (lbs)
Outlet Pressure	5.5 PSI
Liter Flow	0.5-5 l/min
Operating Temperature	12°C to 32°C/55°F to 90°F
Storage/Transport Humidity	-34°C to 71°C (-30°F to 160°F) up to 95% relative humidity
Operating Humidity	up to 95 %
Operating Altitude	0 to 2286 m (0 to 7500 ft)

Device operation above or outside of the specified voltage, LPM, temperature, humidity and/or altitude values may decrease oxygen concentration levels.

EverFlo

Home oxygen system

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Until now, oxygen concentrators have been very similar - heavy, bulky, noisy, or requiring frequent maintenance. EverFlo from Respironics is a unique stationary concentrator that delivers what homecare providers want and patients deserve.

Features

Lightweight for easy transport

The EverFlo Oxygen concentrator weighs in at only 31 pounds, reducing shipping and storage costs and risk of injury.

Compact design looks less like a medical machine

EverFlo's ergonomic design takes up less space and doesn't draw as much attention.

The Right Fit series focuses on patients' needs

EverFlo is part of the Right Fit, a complete portfolio of oxygen products and programs inspired by patients and built for business.

Low maintenance for reduced service costs

No homecare provider filter change for two years. Patients do not ever have to change filters.

Lower power consumption makes EverFlo patient-friendly

The system uses less electricity and produces less heat.

Humidifier Bottle Platform for extra flexibility

The platform is designed to be compatible with all bottle styles and features an easy-to-use closure.

Oxygen purity indicator option for increased security

EverFlo is available with or without oxygen purity indicator. This OPI (Oxygen Percentage Indicator) ultrasonically measures oxygen output as a purity indication.

Recessed flow meter reduces accidental breakage

Recessed flow meter reduces accidental breakage

Durable metal cannula is less likely to break

Durable metal cannula is less likely to break

Specifications

General system

Dimensions	58.4 cm H x 38.1 cm W x 24.1 cm D (23" H x 15" W x 9.5" D)
Input Voltage	120 +/- 10% VAC
OPI (Oxygen Percentage Indicator) Alarm Levels	Low Oxygen (82%) and Very Low Oxygen (70%)
Average Power Consumption	350 W
Input Frequency	60 Hz
Oxygen concentration* (at 5 LPM)	93 +/- 3 %
Weight	14 (31) kg (lbs)
Outlet Pressure	5.5 PSI
Liter Flow	0.5-5 l/min
Operating Temperature	12°C to 32°C/55°F to 90°F
Sound level	45 (typical) dB
Storage/Transport Humidity	-34°C to 71°C (-30°F to 160°F) up to 95% relative humidity
Operating Humidity	up to 95 %
Operating Altitude	0 to 2286 m (0 to 7500 ft)

Device operation above or outside of the specified voltage, LPM, temperature, humidity and/or altitude values may decrease oxygen concentration levels.

UltraFill

Home oxygen system

UltraFill is an advanced home oxygen system with a stationary oxygen concentrator, filling station, and high-capacity 3,000 PSI cylinders for mainstream and high-usage oxygen patients. Homecare providers can use it with existing inventory.

Features

3000 psi cylinders deliver >40% more oxygen than 2000 psi cylinders

UltraFill's long-lasting 3,000 PSI cylinders (MB08, MC13, MD22, and ME36) provide patients with greater than 40% more oxygen than similar sized 2,000 PSI tanks. That means a patient using the 3,000 PSI MB08 tank on a setting of two at 20 BPM will have approximately three more hours of oxygen than the patient using a 2,000 PSI M6 tank on the same settings.

Less-delivery technology reduces provider costs

The system generates oxygen and fills cylinders right in the home, eliminating recurrent oxygen deliveries for service providers .Since 3,000 PSI cylinders last longer than traditional 2,000 PSI cylinders, patients will require fewer cylinders as well.

One-handed operation for easy handling

The cylinder can be easily connected and disconnected with one hand. This makes it easy for people of all ages to handle the system.

Automatic indicators simplify use

Patients can easily see the level of oxygen as the cylinder is being filled on the fill level indicator. Cylinders can be topped off to make partial fills. The system automatically detects whether a 3,000 or 2,000 PSI cylinder is attached.

Universal compatibility reduces operating costs

Service providers can use this system with their existing concentrators, oxygen conserving devices (OCDs), and regulators to avoid extra equipment costs.

50% quieter than other devices for a pleasant environment

This system makes half the noise of comaparable devices so patients can easily converse with other people, watch TV and hear the doorbell without straining their ears.

Low-maintenance design for fewer service calls

The low maintenance design enables service providers to lower service costs for additional savings. The intuitive design makes it easy for patients to use, which means less service and nuisance calls.

Specifications

Filling station

Dimensions	9 x 20 x 25.5/229 x 508 x 648 "/mm
Weight	45/20.4 lbs/kgs
Power consumption	110 W
Cylinder type	2,000 and 3,000** PSI
Typical filling time M6***	2,000 PSI 1 hr 5 min
Typical filling time MB08***	3,000 PSI 8 hr 40 min
Typical use time (4.5:1 CSR, setting of 2 at 20 breaths per minute) for M6***	2,000 PSI 5 hr 33 min
Typical use time (4.5:1 CSR, setting of 2 at 20 breaths per minute) for MB08***	3,000 PSI 8 hr 40 min
OCD/regulator type	CGA-870 connection
Patient flow while filling with EverFlo, M600, and M605	Up to 3 l/min
Patient flow while filling with Millennium M10	Up to 7 l/min
Compatible concentrators	EverFlo, EverFlo Q, M600, M605, and M10
Oxygen concentration	93% (+/- 3%) %
Storage/transport humidity	15 to 95% non-condensing %

General system

Warranty	Three years or 5,000 operating hours (whichever is sooner)

3,000 PSI cylinders

Pressure of cylinder size MC13	3000 PSI
Pressure of cylinder size MB08	3000 PSI
Pressure of cylinder size MD22	3000 PSI
Pressure of cylinder size ME36	3000 PSI
Height of cylinder size MC13	14.4 inch
Height of cylinder size MB08	15.6 inch
Height of cylinder size MD22	20.100000000000001 inch
Height of cylinder size ME36	29.1 inch
Weight of cylinder size MC13	5 lb
Weight of cylinder size MB08	3.2 lb
Weight of cylinder size MD22	6.7 lb
Weight of cylinder size ME36	9.3000000000000007 lb
Fill time (typical) of cylinder size MC13	2 hr 35 min
Fill time (typical) of cylinder size MB08	1 hr 45 min
Fill time (typical of cylinder size MD22	4 hr 25 min
Fill time (typical) of cylinder size ME36	7 hr 20 min
Duration** of cylinder size MC13	13 hr 15 min
Duration** of cylinder size MB08	8 hr 40 min
Duration** of cylinder size MD22	22 hr 35 min
Duration** of cylinder size ME36	37 hr 10 min
Duration (2 lmp continuous flow) of cylinder size MC13	2 hr 55 min
Duration (2 lmp continuous flow) of cylinder size MB08	1 hr 55 min
Duration (2 lmp continuous flow) of cylinder size MD22	5 hour(s)
Duration (2 lmp continuous flow) of cylinder size ME36	8 hr 15 min

2,000 PSI cylinders

Pressure of cylinder size ME24	2000 PSI
Pressure of cylinder size MD15	2000 PSI
Pressure of cylinder size C	2000 PSI
Pressure of cylinder size M6	2000 PSI
Pressure of cylinder size M4	2000 PSI
Height of cylinder size ME24	29 inch
Height of cylinder size MD15	20 inch
Height of cylinder size C	14.4 inch
Height of cylinder size M6	15.6 inch
Height of cylinder size M4	29.1 inch
Weight of cylinder size ME24	8.6 lb
Weight of cylinder size MD15	6 lb
Weight of cylinder size C	4.7 lb
Weight of cylinder size M6	3.2 lb
Weight of cylinder size M4	2.9 lb
Fill time (typical) of cylinder size ME24	5 hr
Fill time (typical) of cylinder size MD15	3 hr 5 min
Fill time (typical of cylinder size C	1 hr 50 min
Fill time (typical) of cylinder size M6	1 hr 5 min
Fill time (typical) of cylinder size M4	45 minute(s)
Duration** of cylinder size ME24	25 hr 25 min
Duration** of cylinder size MD15	15 hr 25 min
Duration** of cylinder size C	9 hr 10 min
Duration** of cylinder size M6	5 hr 30 min
Duration** of cylinder size M4	3 hr 50 min
Duration (2 lmp continuous flow) of cylinder size ME24	5 hr 35 min
Duration (2 lmp continuous flow) of cylinder size MD15	3 hr 25 min

Duration (2 lmp continuous flow) of cylinder size C	2 hour(s)
Duration (2 lmp continuous flow) of cylinder size M6	1 hr 10 min
Duration (2 lmp continuous flow) of cylinder size M4	50 minute(s)

General system

Maintenance	UltraFill is maintenance-free. No safety check required

*When filling, 3 LPM of oxygen is available with a 5 liter concentrator (EverFlo and Milennium) and up to 7 LPM is available with a 10 liter concentrator (Milennium M10).

**For a complete listing of all UltraFill 2,000 and 3,000 PSI oxygen cylinders and specifications, consult the UltraFill user manual.

***Duration utilizing the Chad Therapeutic Bonsai conserving device at a setting of 2, breath rate of 20 BPM. Conserving ratio of 4.5:1

Millennium M10

Home oxygen system

The Millennium M10 is designed to be the highest performing and most reliable 10 liter oxygen machine available. It's engineered to reduce the cost of providing oxygen for patients who need high levels of oxygen.

Features

Protective tubing protects against electric shock

The electronic wires and tubing are neatly guarded by protective tubing.

SMCT "sure cycle" valve is maintenance free

SMCT "sure cycle" valve is maintenance free

Twin Head Compressor for more air flow

The higher stroke sends more airflow through the sieve beds.

Oxygen purity indicator option for increased security

The M10 is available with or without oxygen purity indicator. This OPI (Oxygen Percentage Indicator) ultrasonically measures oxygen output as a purity indication.

Highly durable casters withstand rigorous usage

Highly durable casters withstand rigorous usage

Integrated Sieve Canister enhances bed life

The integrated canister reduces the number of vulnerable tubing connections.

High oxygen output meets patients' needs

The Millennium M10 delivers up to 10 liters of oxygen per minute.

Specifications

General system

Warranty	One year standard/Optional two years (excludes compressor)/Optional two year compressor

General system

Flow Rate	Up to 10 LPM in 1 liter increments l/min
Dimensions	27" x 19" x 13" inch
Electrical Requirements	120V/60Hz (+/- 10%)
Weight	53 +/- 0.5 lb
Oxygen Percentage Indicator	Green Light greater than 82%/Yellow Light between 70-82%/Red Light less than 70%
Oxygen Concentration	92 +/− 4% @ 8-10 LPM; 94 +/− 2% @ 3-7 LPM; 92 +/− 4% @ 1-2 LPM
Storage/transport temperature	-30 to 160 °F
Operating temperature	55 to 90 °F
Storage/transport humidity	Up to 95%, non-condensing %
Operating pressure	10 to 30 PSI
Alarm indicators	High system pressure/Low system pressure/Power failure/Low oxygen level (OPI model available on the M10605 model only)/No oxygen flow

SimplyGo

Portable oxygen concentrator

SimplyGo offers continuous flow and pulse-dose delivery in a device weighing 10 pounds. Reliably manage the therapy and lifestyle needs of your patients with just one POC. Simplify patient management - and your business - with SimplyGo.

Features

A new breed of POC for continuous and pulsed oxygen delivery

SimplyGo is the only POC to offer both continuous flow and pulse-dose delivery in a single device weighing only 10 pounds.

Long-life compressor for long-lasting care

Long-life compressor for long-lasting care

Warranty and service programs that fit your business

SimplyGo's warranty and service programs are all about flexibility. With SimplyGo, you have a choice of two-, three-, or five-year warranties. While some POCs must be returned to the manufacturer for service, your technicians can perform work on SimplyGo right in your shop, if your prefer.

Large oxygen output for all patient needs

SimplyGo has more than twice the oxygen output of any POC weighing 10 pounds or less. That means SimplyGo is able to keep up with your patients' portable oxygen needs today and tomorrow.

High impact resistant design sets new standards of ruggedness

With a long-life compressor, high-quality parts, a high impact resistant design, and oversized cart wheels, SimplyGo was built to set new standards of ruggedness. During development, SimplyGo was rigorously tested and subjected to extreme conditions including impacts, vibrations, and temperatures to deliver reliable performance day in and day out.

Teams up with EverFlo for a complete oxygen solution

When SimplyGo is teamed up with EverFlo—our low maintenance, lightweight, stationary oxygen concentrator for use in the home—you can create an oxygen-generating system that will meet the needs of nearly all patients while helping to reduce your cost of providing oxygen therapy.

Intuitive control panel is easy to read

SimplyGo's streamlined control panel is convenient and easy to use. All device operations are immediately at your fingertips.

Oversized cart wheels for smooth mobility

SimplyGo's handy fold up cart features six inch oversized cart wheels for a smoother roll. And the cart's adjustable handle enables users to attach the accessory case and optional humidifier pouch if desired.

Carrying case for convenience on the go

SimplyGo's attractive multi-purpose carrying case allows users to wear it over the shoulder or secure it to the mobile cart. An extra battery, cannula, or other accessories fit in the zippered pouch.

Comes with everything you need so patients are good to go

Basic system includes SimplyGo portable oxygen concentrator, carrying case, mobile cart, one rechargeable Lithium Ion battery, DC and AC power cords, accessory case, and user manual.

Exchangeable batteries are powered for success

The battery is immediately accessible. One of the keys to SimplyGo's portability is its lightweight and compact battery. It is easily accessible and can be quickly changed by patients. There are no awkward external battery belts, connectors, or hard-to-maintain internal batteries. Patients want more time? Simply take along more batteries.

Operating alarms keep you informed

SimplyGo has several operating alarms that allow you to monitor its performance.

Oxygen Concentrations	86 to 97% at all settings %
Continuous flow settings	0.5/1/1.5/2 l/min
Pulse mode bolus size	1=12 ml/1.5=18 ml/2=24 ml/2.5=30 ml/3=36 ml/3.5=42 ml/4=48 ml/4.5=54 ml/5=60 ml/5.5=66 ml/6=72 ml
Sound level	≤ 43 dB at pulse setting 2 dB
Size	29.2 cm x 25.4 cm x 15.2 cm (11.5" x 10" x 6")
Weight with battery	4.5 (10) kb (lbs)
SimplyGo's battery duration	3.0 (pulse dose setting of 2*) and 0.9 (continuous flow 2 LPM) hour(s)
Operating temperature	5° to 40°C (41° to 104°F)
Filtration	Internal bacteria filter
Storage temperature (unit only)	-20° to 60°C (-4° to 140°F)
Altitude	Up to 3.048 m/10,000 ft
DC power - input	11.5 to 16 VDC and 18 A max
DC power - output	19 VDC and 7.9 A max
AC power - input	100 to 240 VAC/ 50 to 60 Hz/1.7 A max
AC power - output	19 VDC and 7.9 A max
Power consumption	150 while charging/120 while not charging W
Alarm types	Low oxygen purity/No breath/High breath rate/No flow/Low battery/Depleted battery/Wrong battery/System technical fault
Lithium Ion battery	14.4 VDC 6600 mAh (LiIon), 0.7 kg (1.5 lbs), charge time is approximately 2 to 3 hours per battery from fully discharged

SimplyGo Mini

Portable oxygen concentrator (POC)

The SimplyGo Mini is designed to help you grow your business by giving you the ability to offer the light weight, attractive features and true reliability that today's patients demand in a POC.

Features

Built for the demands of today's active patients

At Philips Respironics, we have earned our reputation for designing and building excellence into all of our products. Now, with SimplyGo Mini, you can offer your patients the choice for excellence in lightweight portable oxygen concentrators.

Durability matters to your business

When you place a POC with a patient, you need to know that it's going to have the reliability and ruggedness to help your business eliminate recurring oxygen delivery costs and cylinder hassles; reduce maintenance costs; ease inventory management; and minimize patient calls.

Simply smart design

As the smallest and lightest POC ever developed by Philips Respironics, SimplyGo Mini is built for today's patients with features like: attractive and sleek design; easy-to-remove external battery; light weight intuitive, easy-to-read screen; and a strong, comfortable carrying case.

The Right Fit

SimplyGo Mini is part of the Right Fit, a complete portfolio of oxygen products and programs inspired by patients and built for business.

SimplyGo Mini System

System with standard battery
    Includes SimplyGo Mini portable oxygen concentrator, carrying case, one standard rechargeable lithium ion battery, DC and AC power cords, accessory bag, and user manual
	1113601 (U.S.)
	    1113604 (International)

System with extended battery
    Includes SimplyGo Mini portable oxygen concentrator, carrying case, one extended rechargeable lithium ion battery, DC and AC power cords, accessory bag, and user manual
	1113602 (U.S.)
	    1113605 (International)

Accessories

Standard lithium ion battery	1116816
Extended lithium ion battery	1116817
SimplyGo Mini External Battery Charger	1116830
SimplyGo Mini DC power supply	1116819
SimplyGo Mini AC power supply	1116818
SimplyGo Mini AC power cord	1082664
User Manual	1118724

Accessories – Bags - Brown

	1119897
SimplyGo Mini carry bag and strap brown	1119897
SimplyGo Mini accessory bag, brown	1116824
SimplyGo Mini backpack, brown	1116836

Accessories – Bags – Black

SimplyGo Mini carry bag and strap, black	1119928
SimplyGo Mini accessory bag, black	1119893
SimplyGo Mini backpack, black	1119894

SimplyGo Mini System

Warranties

SimplyGo Mini 3-year system, 1-year sieve warranty	1120121
SimplyGo Mini 2-year sieve warranty extension	1120123
SimplyGo Mini 3-year system, 3-year sieve warranty	1122070

SimplyFlo

Stationary oxygen concentrator

With SimplyFlo, Philips Respironics has created the world's smallest and lightest stationary oxygen concentrator. SimplyFlo is a completely new option for nocturnal patients who resist therapy because of lifestyle disruptions.

Features

Small and light to help increase compliance

For many patients new to therapy who only require nocturnal treatment, the intimidating size, weight, and sound of a traditional oxygen concentrator can be a large factor in their rejection of therapy. SimplyFlo is a significantly lighter, more transportable stationary concentrator designed specifically to help nocturnal oxygen patients improve the adoption of therapy and enhance compliance.

Convenient secondary device to create new revenues

SimplyFlo can be offered as a retail opportunity to existing patients as a convenient, transportable secondary device.

Nighttime therapy to stay active during the day

SimplyFlo is designed to make nighttime oxygen therapy easy. It helps those who need oxygen only at night stay active during the day. The small, compact design reduces lifestyle disruptions and simplifies transport for travel or within the home.

Specifications

Physical characteristics

Size	29.2 cm x 25.4 cm x 15.2 cm (11.5" x 10" x 6")
Weight	4.1 kg (<9 lbs)
User interface	Push buttons and back-lit LCD
Filtration	Internal: air let filter (gross particle) and main-flow bacteria filter

Operating conditions

Operational temperature	5°C to 50°C (41°F to 104°F)
Relative humidity	15 to 95 %
Altitude	Up to 3048 m (10,000 ft)

Storage conditions

Temperature	-20°C to 60°C (-4°F to 140°F) unit only
Relative humidity	Up to 95%, non-condensing %

AC power

Input	100 to 240 VAC; 50/60 Hz; 1.7 A max
Output	19 VDC; 7.9 A max
Power consumption	120W max

Audible alarm

Sound level	50 dB (nominal) at 1 m (39")
Alarm type	Low oxygen purity; No flow; System technical fault; Loss of power

General system

Oxygen concentrations*	87 to 96% at all settings
Outlet pressure	6.4 PSIG max
Continuous flow settings	0.5 LPM; 1 LPM; 1.5 LPM; 2 LPM; +/- 15% or 150 ml/min whichever is greater (3 minute running average)
Sound level	≤50 dBA (typical) at 2 LPM

Based on an atmospheric pressure of 14.7 psia (101 kPa) at 70°F (21°C).

InnoSpire Go

A portable, virtually silent mesh nebulizer

InnoSpire Go provides a fast and easy therapy experience, with treatment taking as little as 4 minutes.* Utilizing established, clinically proven vibrating mesh technology adopted by hospitals worldwide. InnoSpire Go delivers commonly prescribed liquid inhaled medications for respiratory disease.

Specifications

Battery performance

Charging time	2 Hours
No. of treatments per charge	30

Specifications

Size	7.0 cm x 4.5 cm x 13.5 cm
Weight	111g
Battery type	Lithium ion

Salbutamol 2.5 ml	MMAD µm: 3.99
	Residual volume ml: 0.3
	Treatment time (min:sec): 4.18
	Respirable fraction % particles <lt/> 5 µm: 64.4%
Ipratropium bromide 2 ml	MMAD µm: 3.93
	Residual volume ml: 0.2
	Treatment time (min:sec): 3.44
	Respirable fraction % particles <lt/> 5 µm: 65.3%
Budesonide 2 ml	MMAD µm: 4.84
	Residual volume ml: 0.3
	Treatment time (min:sec): 3.34
	Respirable fraction % particles <lt/> 5 µm: 52.1%

|	
Handset warranty	2 years
Mouthpiece assembly warranty	1 year

Features

Reduces treatment time by 25%**

InnoSpire Go has been specifically designed to shorten nebulizer treatment times. Delivering medication in as little as 4 minutes* and with audible and visual indicators that signal when therapy is complete, before it automatically switches off.

Delivers commonly prescribed liquid inhaled medications

InnoSpire Go delivers commonly prescribed liquid inhaled medications for respiratory disease. These include medications such as Salbutamol (Albuterol), Ipratropium Bromide, Budesonide, Hypertonic Saline and Sodium Cromoglicate.
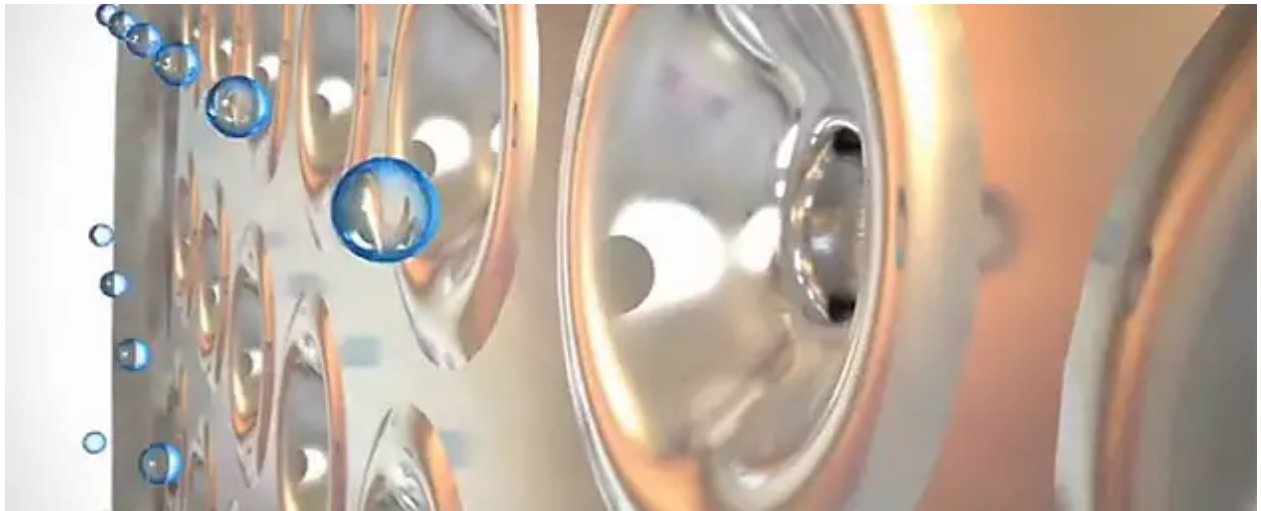
Clinically proven mesh technology

The Aerogen Vibronic mesh technology allows for the consistent delivery of aerosol in an optimal particle size (<lt/>5 microns). This particle size is highly suited for depositing medication in deep areas of the lungs, where a variety of commonly prescribed medications are most effective for the treatment of asthma and COPD.

Virtually silent operation

A small, portable and discreet nebulizer that can be used anywhere.

* Using 2.5ml Salbutamol

**Versus predecessor Aeroneb Go

InnoSpire Mini

Compressor nebulizer system

InnoSpire Mini allows patients to nebulize their medications whenever they want and wherever they may be. Compact lightweight and reliable, it provides independence for people who want to get the most out of life.

Features

Provides fast, effective treatment

The SideStream Plus reusable nebulizer provides fast, effective treatment and can be used to effectively deliver most commonly prescribed aerosol medications. The Sidestream Plus breath-enhanced reusable nebulizer features an easy-action inspiratory valve that opens on inspiration to boost medication delivery and closes on exhalation, preserving medication and reducing waste. 1 Significantly less pressure is needed to open the inspiratory valve, making it ideal for weak breathers, such as pediatric and elderly patients.

Operates InnoSpire Mini for up to 90 minutes between charges

An optional rechargeable lithium ion battery operates the InnoSpire Mini compressor for up to 90 minutes between charges(and can be fully recharged in approximately 6 hours). A 12V DC (car) adapter enables the compressor to be powered in autos, trucks, boats and recreational vehicles. The compressor can also be powered by the traditional 11OV AC wall outlet. InnoSpire Mini is FAA approved for in-flight use and compliant with the international basic safety and essential performance standard IEC 60601-1 third edition and its amendments.

Allows for easy transport

An ideal traveling companion, InnoSpire Mini's compact size allows for easy transport while a breath-enhanced reusable nebulizer makes it easy to use.

Specifications

General system

Nebulization rate	0.2 ml/min
Nebulization capacity[2]	8 ml
Mass Median Diameter (MMD)[2]	~ 5.0 µm
Maximum pressure of compressor[3]	30 PSI
Maximum liter flow of compressor [3]	~ 8 l/min
Average flow rate of compressor[4]	3.4 l/min
Compressor Weight	0.93 pounds (0.42 kilograms)
Battery Weight	0.4 pounds (0.188 kilograms)
Compressor Size	4.5" x 3.5" x 2.1"
Battery Size	4.5" x 3.5" x 0.8"
Electrical requirements for Compressor	12V DC, 1250 mA
Electrical requirements for Battery	12V DC, 1700 mAh
Operating range	41° to 104° F

InnoSpire Elegance

Compressor nebulizer system

A powerful compressor and a compact design combine to create a nebulizer system you and your patients will value. The InnoSpire Elegance from Philips Respironics, provides fast, efficient and reliable drug delivery to patients at home.

Features

Active Venturi system for faster delivery

Essence works efficiently with SideStream nebulizers that feature an active Venturi system and provide air flow in addition to that supplied by the compressor, resulting in faster drug delivery and shorter treatment times. They are easy to use with fewer parts to assemble or clean than other conventional nebulizers. SideStream's unique design provides consistent delivery of medication time after time.

Compact design weighs only 3.3 lbs

This elegant performer weighs only 3.3 pounds and works efficiently with proven SideStream aerosol technology. It includes a handset, docking station, filter and power cord and is covered by a 5-year warranty. Elegance is compliant with the international safety and essential performance standard IEC 60601-1 third edition and its amendments.

SideStream Plus nebulizer to enhance drug delivery

The breath-enhanced SideStream Plus nebulizer features an easy-action inspiratory valve that opens on inspiration to boost medication delivery and closes on exhalation, preserving medication and reducing waste.* Less pressure is required to open the inspiratory valve compared to other breath-enhanced nebulizers.** There's no need to remove the valve when using a mask, making treatments easy for pediatric and elderly patients.

Specifications

Physical dimensions

Weight   3.3 lb

Size   4.2 x 6.5 x 6.5 inch

Power

Electrical rating/power   120 V / 60 Hz, 1.7 Amp

Operating parameters

Treatment time   5 to 7 minute(s)

Maximum pressure   44 PSI

Maximum flow rate   9.4 l/min

Operating flow rate   7 LPM @ 10 psi

Mode of operation   Continuous

Capacity

Nebulization capacity   8 ml

MMAD   80% <lt/> 5 microns

Support

Warranty   5 year(s)

* Performance characterization of the new SideStream Plus breath enhanced jet nebulizer.

** Data on file.

InnoSpire Deluxe

Compressor nebulizer system

For use with aerosol medications, InnoSpire Deluxe incorporates built-in conveniences that encourage adherence to aerosol medication treatment plans. As part of the InnoSpire family of compressor nebulizer systems, Deluxe combines a durable compressor in a modern design that provides delivery of consistent aerosol medication treatments.

Features

Reliable, robust design for consistent high quality aerosol delivery

InnoSpire Deluxe partners with SideStream nebulizers to provide fast and efficient drug delivery. SideStream nebulizers feature an active venturi system that provides air flow in addition to that supplied by the compressor, resulting in improved drug delivery and more effective treatment times.

Robust handle and nebulizer holder

Robust handle for easy transport and a nebulizer holder for extra stability while filling the cup or during rest.

Storage space for accessories such as nebulizer, mask, medications and power cord

InnoSpire Deluxe is designed to include a convenient storage compartment to hold extra medicine or nebulizer supplies. The attached power cord tucks neatly into the storage area and a sturdy handle makes it easy to carry. It is covered by a five-year warranty and is compliant with the international basic safety and essential performance standard IEC 60601-1 third edition and its amendments.

Specifications

Physical dimensions

Size | 380mm x 177mm x 110mm (13" D x 6.7" W x 4.3" H)

Weight | 2.0 kg (4.4 lbs)

Power

Electricity supply | 120V/60Hz, 1.7 Amp

Operating parameters

Volume level	58±3 dB
Maximum pressure	268 kPA (35 psi)
Thermal overload protector	Resettable thermal fuse; functioning temperature 130 °C
Flow rate	6 LPM @ 10 psi
Max flow rate	10.78 LPM
Particle size distribution	0.5 to 5 microns

InnoSpire Essence

Compressor nebulizer system

Essence is part of the InnoSpire family of compressor nebulizer systems from Philips Respironics. It provides fast and efficient aerosol drug delivery in a compressor nebulizer system that's priced right. With proven SideStream technology.

Features

Active Venturi system for faster delivery

Essence works efficiently with SideStream nebulizers that feature an active Venturi system and provide air flow in addition to that supplied by the compressor, resulting in faster drug delivery and shorter treatment times. They are easy to use with fewer parts to assemble or clean than other conventional nebulizers. SideStream's unique design provides consistent delivery of medication time after time.

Compact and stylish to blend in at home

The stylish design incorporates a handset docking station, filter and power cord and blends gracefully into the home environment. It is covered by a 5-year warranty and is compliant with the international safety and essential performance standard IEC 60601-1 third edition and its amendments.

Specifications

Physical dimensions

Weight	3.3 lb
Size	4.2 x 6.5 x 6.5

Power

Electrical rating/power	120 V / 60 Hz, 1.7 Amp

Operating parameters

Treatment time	5 to 7 minute(s)
Maximum pressure	44 PSI
Maximum flow rate	9.4 l/min
Operating flow rate	7 LPM @ 10 psi
Mode of operation	30 min. on/30 min. off

Capacity

Nebulization capacity	8 ml
MMAD	80% < 5 microns

Support

Warranty	5 year(s)

Sami the Seal

Compressor nebulizer system

The Philips Respironics Sami the Seal pediatric compressor is shaped like a seal to appeal to children, their parents and pediatricians, and to support aerosol therapy compliance. It partners with our highly efficient SideStream nebulizers.

Features

Two configurations for flexible use

To meet different preferences, this system can be used either with the SideStream disposable nebulizer only or with the SideStream disposable and SideStream reusable nebulizers.

SideStream nebulizers for fast, efficient drug delivery

SideStream reusable and disposable nebulizers can be used with commonly prescribed respiratory medications and offer fast, efficient and economical drug delivery. Both nebulizers feature venturi technology that provides air flow in addition to that supplied by the compressor, resulting in faster drug delivery and shorter treatment times.*

Character mask appeals to children

For use with the Sami the Seal compressor nebulizer system, the Tucker the Turtle pediatric mask is also designed to appeal to children and support compliance. Tucker can be used with both the SideStream disposable and reusable nebulizers and has been proven to reduce aerosol deposition in and around the eyes.

Bottom-weighted for stability

The compressor is bottom weighted to provide stability and incorporates a docking station for the nebulizer between treatments.

Shaped like a seal to attract children

The playful seal shape and color are designed to attract children and support them in complying with therapy.

Specifications

Compressor

electrical requirements	120 VAC-60 Hz
Power	120 V·A

Thermal overload protector

Thermal fuse functioning temperature at	130 °C
Performance average flow rate	6 LPM @ 10 psig
Maximum pressure	29-43.5 PSI
Size	10.5 in L x 6.1 in W x 8.9 in H inch
Weight	3.5 lb
Operating mode	continuous
Warranty	5 year(s)

* Data on file at Philips Respironics

I-neb AAD System

Battery-powered drug delivery device

The I-neb is a small, battery powered, lightweight and virtually silent drug delivery device. It significantly reduces the inconvenience of conventional nebulizer/compressor therapy while delivering a precise, reproducible dose.

Features

Adaptive Aerosol Delivery system optimizes drug delivery

This technology ensures optimal drug delivery by only delivering medication when the patient inhales. This gives the medication the best opportunity to reach deep into the lungs and greatly reduces waste to the environment. AAD delivers the right amount of medication, regardless of size or breathing patterns.

Small and lightweight for full portability

Small and lightweight for full portability

Vibrating mesh technology generates fine-particle aerosol

This technology produces a fine-particle, low-velocity aerosol by forcing the liquid medication through a fine mesh. Faster than conventional jet or ultrasonic nebulizers, VMT devices support shorter treatment times and more precise drug delivery.

Long battery life leaves patients free to plan their day

The I-neb is battery-powered with a universal voltage charger. The long battery life provides up to 40 treatments per charge, for freedom and convenience.

Specific metering chambers for dosage control

The metering chambers with volumes ranging from 0.25 to 1.7 ml with a residual of about 0.15 ml. This optimizes treatment while reducing waste.

AAD algorithm for adaptive treatment

The I-neb pulses medication delivery into 50 to 80% of each inspiration, based on a rolling average of the last three breaths. Throughout the treatment, the I-neb provides continuous feedback to the patient. Upon successful delivery, the patient receives audible and tactile feedback.

Specifications

General system

Power-Battery Voltage	6W/3.8V
Battery Charger and Charging Lead	100-240 VAC (50-60Hz)
Weight (including battery)	225 g
Dimensions	4.5 cm x 6.5 cm x 15 cm
Storage Temperature Range	-20°C to 60°C (-4°F to 140°F)
Operating Temperature Range	10°C to 40°C (50°F to 104°F)

SideStream Plus

Reusable nebulizer

Philips SideStream Plus breath-enhanced, reusable nebulizer is designed to improve drug delivery. Much less pressure is needed to open the inspiratory valve compared to other breath-enhanced nebulizers. For faster, easier treatment.

Features

Easy action inspiratory valve boosts drug delivery

Patients do not need to use as much pressure to open the vertical inspiratory valve thanks to its easy-action mechanism. The valve opens on inspiration to boost medication delivery and closes on exhalation, preserving medication and reducing waste.

Fits under mask for extra convenience

This valve fits easily under a mask, making treatments easier for pediatric and elderly patients. The modern handle design and angled mouthpiece also provide for more comfortable treatment.

Proven SideStream technology for faster delivery

This reusable nebulizer features our proven SideStream five-jet venturi design. SideStream nebulizers are easy to use with fewer parts to assemble or clean than other nebulizers. SideStream Plus provides a high respirable fraction and shortens treatment times.

Works with Sami the Seal pediatric character mask

Works with Sami the Seal pediatric character mask

SideStream Nebulizer Reusable/Disposable

Nebulizer

The SideStream Nebulizers with unique Venturi design offer faster drug delivery and shorter treatment times, and can be used with all commonly prescribed respiratory medications. Reusable and disposable versions available.

Features

Fast drug output for faster treatment times

You get faster treatment times with the SideStream Nebulizers. They deliver 2.5 ml of drug output within 7 minutes, so patients can spend more time on their normal activities.

Choice of nebulizers to reduce costs

The Reusable Sidestream offers optimal patient care with minimal administrative effort. It can be used for 6 months before replacing. The Disposable Sidestream is less expensive, and can be used in the same manner as the reusable Sidestream, but for no more than 2 weeks.

Proven SideStream technology is effective

SideStream's Venturi system enhances output (80% of drug output volume is below 5 microns in size). It also speeds up treatment time by using five aerosol-producing jet holes instead of one, providing additional flow to the patient of up to 16 lpm above compressor output. Traditional nebulizers are limited to the compressor's flow output.

SideStream Masks

Nebulizer mask

Specially designed patient masks for adult and pediatric patients are recommended for use with the SideStream high-efficiency nebulizers to enhance drug delivery. These reusable masks are contoured to fit the face.

Features

Faster treatment times

You get faster treatment times with the SideStream Disposable Nebulizers. They deliver 2.5 ml of drug output within 7 minutes, so patients can spend more time on their normal activities.

Choice of nebulizers to reduce costs

The Reusable Sidestream offers optimal patient care with minimal administrative effort. It can be used for 6 months before replacing. The Disposable Sidestream is less expensive, and can be used in the same manner as the reusable Sidestream, but for no more than 2 weeks.

Proven SideStream technology is effective

SideStream's venturi system enhances output (80% of drug output volume is below 5 microns in size). It also speeds up treatment time by using five aerosol-producing jet holds instead of one, providing additional flow to the patient of up to 16 lpm above compressor output. Traditional nebulizers are limited to the compressor's flow output.

Pediatric Sidestream mask

Child-friendly nebulizer mask

Sami the Seal and Tucker the Turtle child-friendly pediatric character masks combine a soft, flexible material that contours to the face for comfort and fit with a vent design that blows medication away from the eyes.

Features

Comparison tests show reduced aerosol deposition

Respironics* comparison tests have demonstrated that Sami and Tucker masks reduce aerosol deposition in and around the eyes, helping to minimize the impact of long-term use. These masks are equivalent or superior to other masks developed to protect eyes from aerosol deposition.

1 Comparisons presented by Respironics at the International Congress on Pediatric Pulmonology (CIPP), March 2007, Nice, France. Use of a fluorescence technique to assess nebulizer facemask designs.

SideStream Nebulizers

Nebulizer

Great for travel or using at the office, the SideStream Nebulizers are available with two complete SideStream disposable nebulizers and two replacement nebulizer cups. SideStream provides superior performance and faster treatment times.

Features

Fast drug output for faster treatment times

You get faster treatment times with the SideStream disposable nebulizers. They deliver 2.5 ml of drug output within 7 minutes, so patients can spend more time on their normal activities.

Choice of nebulizers to reduce costs

The reusable SideStream offers optimal patient care with minimal administrative effort. It can be used for 6 months before replacing. The disposable SideStream is less expensive, and can be used in the same manner as the reusable Sidestream, but for no more than 2 weeks.

Proven SideStream technology is effective

SideStream's venturi system enhances output (80% of drug output volume is below 5 microns in size). It also speeds up treatment time by using five aerosol-producing jet holes instead of one, providing additional flow to the patient of up to 16 lpm above compressor output. Traditional nebulizers are limited to the compressor's flow output.

ProChamber Valved Holding Chamber

Spacers and holding chambers

ProChamber is the professional model valved holding chamber for the acute respiratory care setting. Its proven clinical performance and great value make ProChamber the choice for the budget-conscious clinician.

Features

Simple design doesn't require assembly

Simple design doesn't require assembly

Optional silicone masks help patients transition

The detachable silicone facemasks are ideal for patients who are transitioning to using a mouthpiece only. No need to buy another device. Available in 3 sizes, and suitable for children and adults.

Small size makes ProChamber convenient to carry

ProChamber can be conveniently taken wherever your patients go. The small size also makes it easy to clean.

Professional VHC for effective drug delivery

Holding chambers or spacers help patients to get more of the medicine into the lungs, rather than in the mouth and throat. More effective drug delivery for more effective treatment.

Flexible fitting for all patients

ProChamber can be used with all commonly used inhalers.

Great value for all budgets

Great value for all budgets

Latex free for sensitive patients

Latex free for sensitive patients

Specifications

General

Materials	ProChamber contains no latex

Dimensions

Length	5.75" inch
Volume	145 ml
Diameter	2" inch
Mouthpiece	22 mm standard O.D.

LiteTouch VHC mask

Holding chamber mask

LiteTouch is designed to provide greater wearing comfort and easier delivery of aerosol medication. It quickly and comfortably conforms to facial contours, providing a soft, secure fit for increased compliance and treatment effectiveness.

Features

Soft-seal technology for the most comfortable seal

LiteTouch is designed to contour to the face. This helps patients create a more secure fit and reduce leakage with minimal applied force, improving long-term compliance. The LiteTouch mask is not manufactured with BPA as declared by our suppliers.

Less technique dependent

LiteTouch has a flexible seal, which makes treatment more comfortable and less technique dependent. Unlike a mouthpiece, a face mask doesn't require patients to be able to form a seal with their lips.

Clear structure for ease of application

The unique design molds a clear, hard shell to an exclusive soft-seal interface. This makes it easier for caregivers to help apply the mask to a child's face, and offers unrestricted view of the patient's face during therapy.

Available in sizes small, medium and large to suit all patients.

Available in three sizes small, medium and large to suit all patients. Mask size labels with color to help easily identify the size.

OptiChamber Diamond

Spacer and holding chamber

The OptiChamber Diamond valved holding chamber is smaller than most conventional chambers. OptiChamber Diamond's intuitive design enhances medication delivery and compliance for patients of all ages, at home or in the hospital.

Features

Low resistance valves allow patients to breathe freely

Even under low pediatric pressures and flows, OptiChamber Diamond's inspiratory and expiratory valves open freely.

Unique stepped mouthpiece accommodates smaller mouths

OptiChamber's mouthpiece design helps patients transition from pediatric facemasks to mouthpiece. It also allows attachment to a 22 mm connector.

Highly visible expiratory valve helps measure breath count and hold

Highly visible expiratory valve helps measure breath count and hold

Easy disassembly for maintenance

The mouthpiece and adapter can be removed from the chamber for easy cleaning.

Specifications

Materials and maintenance

Chamber	Anti-static Acrylonitrile Butadiene Styrene
LiteTouch mask	Polycarbonate (PC) silicone
Valves	Silicone
Maintenance	Can be easily disassembled for hand cleaning with warm water and liquid detergent
Life span data	Replace after one year

Dimensions

Volume	140 ml
Length	14.2 cm (5.6")
Mouthpiece	Interfaces with 22 mm standard connectors
BPA	Not manufactured with BPA

AsthmaCheck Peak flow meter

Peak flow meter

AsthmaCheck offers the reliability of a highly accurate and portable peak flow meter due to its small, compact design. AsthmaCheck's easy-grip handle directs hands away from the airflow path and ensures accurate measurements every time.

Features

Three-zone management helps compliance

This integrated system helps patient comply with treatment regiments. The color-coded indicators can be adjusted to delineate a patient's green, yellow, and red zones based on personal best peak flow.

Sturdy, durable construction for peace of mind

The AsthmaCheck Peak Flow Meter is designed to be a reliable companion wherever your patients go. It's also top-rack dishwasher safe, for easy maintenance.

Comfortable mouthpiece is designed to increase compliance

Comfortable mouthpiece is designed to increase compliance

NAEPP standards safeguard quality

This peak flow meter meets or exceeds National Asthma Education and Prevention Program Technical Standards for peak flow meters, based on American Thoracic Society Standardization of Spirometry 1994 Update.

Easy-grip handle for accurate readings

The specially-shaped handle directs your patients' hands away from the airflow path, ensuring accurate and unobstructed measurements every time.

Easy-to-read scale is suitable for all ages

Easy-to-read scale is suitable for all ages

Specifications

General system

Dimensions	15.5 cm L x 5.8 cm W x 1.9 cm H (6.1" L x 2.3" W x 0.75" H)
Weight	56.7 (2.0) grams (oz)

Materials

Main Body	Impact-resistant ABS plastic
Scale	Hot-stamped, alcohol-resistant

Calibration Data

Measurement Range	60 to 810 l/min
Resolution	10 l/min

Performance Data

Accuracy	+/- 10% or 20 L/min., whichever is greater
Reproducibility	≤5% or 10 L/min., whichever is greater
Interdevice Variability	≤10% or 20 L/min., whichever is greater

Personal Best

Universal Range Peak Flow Meter

Personal Best peak flow meter, universal range. Qty: 1 single meter.

Threshold PEP

Positive expiratory pressure device

Threshold PEP is used for airway clearance, bronchial hygiene, or as an alternative to chest physical therapy. The resistive load creates positive pressure during exhalation that helps open the airways and allows mucus to be expelled.

Features

Flow-independent one-way valve is suitable for all patients

Flow-independent one-way valve is suitable for all patients

Works in any position for effective therapy

Works in any position for effective therapy

Improved mobilization helps clear lungs

Using the Threshold PEP helps patients breathe more freely. It improves mobilization and prevents accumulation of secretions.

Optimizes bronchodilation for improved gas exchange

When combined with respiratory drug delivery via nebulizer or MDI spacer devices, the Threshold PEP promotes effective breathing.

Constant pressure removes the need for a pressure indicator

Constant pressure removes the need for a pressure indicator

Resistance training for improved central and peripheral airway function

Resistance training for improved central and peripheral airway function

Mouthpiece/mask option for flexibility

Mouthpiece/mask option for flexibility

Convenient design is reliable and easy to clean

The Threshold PEP is made of durable, high-impact acrylic.

Specifications

Materials

Main Body	Impact-resistant acrylic
Mouthpiece	Polypropylene
Nose Clip	Polypropylene

Performance Data

Resolution	2 cm H_2O
Accuracy	±1 cm H_2O
Reproducibility	±0.5 cm H_2O
Measurement Range	5 - 41 cm H_2O

Dimensions

Length	5.1 inch
Diameter	1.6 inch
Weight	1.3 oz

Threshold IMT

Breathing trainer

Threshold IMT provides consistent and specific pressure for inspiratory muscle strength and endurance training, regardless of how quickly or slowly patients breathe. Exercises respiratory muscles and improves breathing.

Features

Flow-independent one-way valve is suitable for all patients

Flow-independent one-way valve is suitable for all patients

Resistance training for strength and endurance

Threshold IMT improves exercise tolerance and respiratory muscle strength and endurance.

Works in any position for effective therapy

Works in any position for effective therapy

Adjustable pressure for all levels of training

Easy to set, truly adjustable pressure. Can be set in 2 cm H2O increments.

Constant pressure removes the need for a pressure indicator

Constant pressure removes the need for a pressure indicator

Mouthpiece/mask option for flexibility

Mouthpiece/mask option for flexibility

Convenient design is reliable and easy to clean

The Threshold IMT is made of durable, high-impact acrylic.

Specifications

Materials

Main Body	Impact-resistant acrylic
Mouthpiece	Polypropylene
Scale	Hot-stamped, alcohol-resistant
Nose Clip	Polypropylene

Calibration Data

Measurement Range	9 - 41 cm H_2O
Resolution	2 cm H_2O

Performance Data

Accuracy	±2 cm H_2O
Reproducibility	±1 cm H_2O

Dimensions

Length	4.6 inch
Diameter	1.6 inch
Weight	1.3 oz

AsthmaPACK For Adults

Personal asthma care kit

Give your patients a comprehensive clinician-directed, home-managed asthma plan with the tools needed to better understand their asthma, monitor their conditions objectively, and take their prescribed medications correctly and consistently.

Features

Custom PACK meets your patient's needs

Pick a PACK for patient compliance and implement three key elements of the NAEPP Asthma Treatment Guidelines with one prescription. Each AsthmaPACK combination includes a peak flow meter, spacer, instructional video, and educational self-help booklet.

Self-Help Booklets teach patients about their asthma

The booklets are available in English and Spanish text and include simple explanations about what happens during an asthma episode, what asthma triggers are, how to follow three-zone asthma management, how to manage asthma at school, and what nocturnal, exercise-induced and occupational asthma are.

Carrying case for all-day availability

The case holds products and three inhalers.

OptiChamber Diamond valved holding chamber

Valved holding chambers (spacers) improve coordination between delivery of the medication and breathing, reducing side effects. The OptiChamber Diamond's intuitive design enhances medication delivery and compliance for patients of all ages.

Personal Best Full Range Peak Flow Meter for monitoring symptoms

This peak flow meter has a built-in Asthma Management Zone System and Daily Record Chart.

Instructional Videos increase compliance

The videos teach patients how to use a peak flow meter and what the measurements mean, and show them how to facilitate and improve delivery of MDI medications with a spacer or valved holding chamber. Information in English and Spanish, closed-captioned.

Specifications

AsthmaPACK

Dimensions	4.2" L x 3.0" W x 7.6" H
Weight	13.6 oz

Personal Best*

Dimensions	6.5" L x 2.0" W x 0.9" H
Weight	3.0 oz
Materials	Personal Best is made of impact-resistant ABS plastic and high-density polypropylene.

AsthmaPACK III

Weight	14.9 oz

OptiChamber Diamond

Dimensions	5.9" L
Weight	3.9 oz
Materials	OptiChamber Diamond is constructed of high-quality thermoplastics. The valve and mask are silicone rubber. Not manufactured with BPA as declared by our manufactures.

These products contain no latex and are top rack dishwasher safe and easy to clean.

AsthmaPACK for Children
Asthma kit

This just-for-kids kit makes learning fun with engaging cartoon characters and age-appropriate devices. Each kit contains a peak flow meter and spacer. An exciting storybook teaches kids how to correctly use these tools.

Features

OptiChamber Diamond, the #1 pharmacy preferred brand of Spacer*

The OptiChamber Diamond valved holding chamber's intuitive design enhances medication delivery and compliance for patients of all ages.

Take charge of your asthma instructional DVD

Available in English and Spanish, the DVD and booklet provides asthma education, simple instruction on use of the Personal Best peak flow meter, how to follow the three zone asthma management and using the OptiChamber Diamond to help facilitate drug delivery.

Personal Best Low Range Peak Flow Meter for monitoring symptoms

Personal Best sets a new standard for convenience, compliance, and confidence. This lightweight, self-contained, portable design puts peak flow monitoring at your fingertips—or your patients'—all day long. Stands up to the roughest use day after day. Low Range version for younger patients.

Carrying case for all-day availability

This case holds the Personal Best peak flow meter and OptiChamber Diamond holding chamber along with up to 3 inhaler medications.

"Tucker Tackles Asthma" playful educational book

This bilingual (English/Spanish) coloring and activity book is about two friends who learn through their adventures how to take control of asthma and how to live a normal, playful life. The characters help teach kids how to manage asthma.

Specifications

AsthmaPACK for Children

Dimensions	5.6" L x 2.6" H x 8" H .
Weight	15.2 oz .

Personal Best low range peak flow meter

Dimensions	6.5" L x 2.0" W x 0.8" H
Weight	3.0 oz
Materials	Personal Best is made of impact-resistant ABS plastic and high-density polypropylene

OptiChamber Diamond

Dimensions	5.9" L
Weight	3.9 oz
Materials	OptiChamber Diamond is constructed of high-quality thermoplastics. The valve and mask are silicone rubber. Not manufactured with BPA as declared by our manufactures

*Among retail pharmacies who claim to have a preferred brand of Spacer in their pharmacy.

These products contain no latex and are top rack dishwasher safe and easy to clean.

GO2 Pulse Oximeter

Oxygen saturation meter

The accurate, affordable and durable GO2 pulse oxymeter allows your patients the freedom to go about their activities, while delivering accuracy comparable to professional oximeters.

Features

Warranty and service offer reassurance

The GO2 is backed by Philips Respironics service and 2-year warranty support. It's manufactured in North America.

Backlit LCD for low-light viewing

The display lights up, making it easy to read in low-light conditions. In addition, it is designed for easy understanding by patients.

Proven solid construction for worry-free use

The GO2 is tested to withstand 25 drops from one meter onto a hard surface. This makes it sturdy enough so patients can take it everywhere they go.

Low power use increases battery life

The GO2 uses just one AAA battery for approximately 2,400 spot checks.

Oxygen concentration and pulse rate for real-time feedback

The GO2 offers patients accurate and reliable oxygen saturation and heart rate monitoring information, allowing patients to manage their oxygen and activity level on the go.

*Device temperature will not exceed 41°C as measured during a controlled environment test.

Specifications

Measurement wavelengths and output power

Red	660 nanometers @ 0.8mW max average nm
Infrared	910 nanometers @ 1.2mW max average nm

Temperature

Operating temperature	5°C to 40°C* (41°F to 104°F)
Storage/transportation temperature	-30°C to 70°C (-22°F to 158°F)

Humidity

Operating humidity	10% to 90% relative humidity, non-condensing %
Storage/transportation humidity	10% to 90% relative humidity, non-condensing %
Operating altitude	Up to 4,000 meters/13,000 feet

Battery life

Continuous	Approximately 2400 spot checks based on approximately 21 hours of operation using one AAA size alkaline battery, calculated at 20 seconds per use.
Storage	6 months minmum

General system

Oxygen saturation display range	0 to 100 %
Pulse rate display range	18 to 321 beats per minute beats per minute
Oxygen saturation declared accuracy range (Arms*)	70% to 100% SpO2 ± 2 digits %SpO2
Pulse rate declared accuracy range (Arms*)	20 to 250 BPM ± 3 digits beats per minute
Low perfusion pulse rate declared accuracy range (Arms*)	20 to 240 BPM ± 3 digits beats per minute

WristOx2 Wrist-worn Pulse Oximeter

Oximeter

WristOx2 is a wrist-worn pulse oximeter that has been developed to deliver highly accurate readings and help reduce the difficulties that can be associated with overnight oximetry studies.

Features

Enhanced memory for longer studies

Enhanced memory for longer studies

SoftSensor for increased patient comfort

SoftSensor for increased patient comfort

Longer battery life allows more data collection

The WristOx2 is designed to use standard batteries for a longer battery life.

Bluetooth enabled for wireless data transfer

Bluetooth enabled for wireless data transfer

Easy to assemble and use for patients at home

For overnight oximetry studies, WristOx2 is easy to set up. The patient simply installs two standard AAA batteries, attaches the wrist strap, inserts the sensor, and places the sensor on her fingertip. WristOx2 automatically turns on upon finger insertion.

Wrist strap for versatility

The WristOx2's versatile design and wrist strap make it the ideal choice for multiple applications: overnight studies, remote wireless monitoring, and ambulatory monitoring.

±Arms encompasses approximately 68% of the population

Refer to the operator's manual for additional accuracy specifications

Based on class 2 operation for 23 hours and class 1 operation for 1 hour in a 24-hour period

Specifications

General system

Warranty	WristOx2 carries a three-year warranty while the Soft Sensor is covered for two years

Displays

Numeric displays	3-digit indicators
Pulse indicators	pulse strength bar graph

Accuracy

Blood oxygen saturation	70 to 100% ±2 digits**
Pulse rate range	±3 %

Memory

Type	Nonvolatile
Capacity	Up to 1,080 hours at 4 seconds data storage rate/Up to 540 hours at 2 second data storage rate/ Up to 270 hours at 1 second data storage rate hour(s)

Temperature

Operating temperature	-5°C to 40°C (23° to 104°F)
Storage/transportation temperature	-40°C to 70°C (40° to 158°F)

Humidity

Operating humidity	10 to 95% noncondensing %
Storage/transportation humidity	10 to 95% noncondensing %

Battery life

Operating without Bluetooth	48 hours minimum hour(s)
Operating with Bluetooth***	24 hours minimum hour(s)
Storage	9 months

Altitude

Operating altitude	Up to 12,1923 m (40,000')

Power requirements

Batteries	Two 1.5V alkaline AAA batteries

General system

Dimensions (without sensor or strap)	56 mm W x 74 mm H x 20 mm T (2.2" W x 2.91" H x .79" T)
Weight (with batteries and wrist strap)	71 g (2.5 oz)
Oxygen saturation range	0 to 100%
Pulse rate range	18 to 300 beats per minute

±Arms encompasses approximately 68% of the population

Refer to the operator's manual for additional accuracy specifications

Based on class 2 operation for 23 hours and class 1 operation for 1 hour in a 24-hour period

920M Plus Handheld Oximeter

Oxygen saturation meter

The 920M Plus and 2500A handheld pulse oximeters provide on-the-spot oximetry readings, and are designed to be easy to use for both healthcare professionals and patients. They feature a bigger display, better performance and a 72-hour memory.

Features

Full line of sensors for wide variety of studies

A diverse line of finger and ear sensors are available for the 920M Plus. Choose the sensor most suited to the patient, whether adult, infant or neonatal.

New design is smaller, lighter and easier to carry

New design is smaller, lighter and easier to carry

Profusion Light indicates a good connection

The 920M's profusion light makes the device incredibly easy to use. If it lights up, you're recording!

Larger Display is easier to read

The improved display makes it harder to confuse oxygen saturation and pulse readings.

Optional Rechargeable Battery System for more flexibility

Optional Rechargeable Battery System for more flexibility

Two button operation puts you in control of all functions

Two button operation puts you in control of all functions

Expanded memory enables longer studies

The 920M Plus Oximeter can record up to 72 hours of data, which allows for longer studies.

Reduced power use for increased efficiency

The 920M runs on four AA batteries for 100 hours of use, instead of six. The battery light gives you a clear indication of battery condition.

Specifications

Measuring

Oxygen Saturation Range	0 to 100%
Pulse Rate Range	18 to 300 beats per minute

General system

Warranty	3 years

Accuracy

Oxygen Saturation	70-100% +/- 2 digits for adults using Finger Clip Sensors/70-100% +/- 3 digits for adults using Flex, Flexi-Form, or Reflectance Sensors/70-100% +/- 4 digits using Ear Clip Sensors/70-95% +/- 3 digits for neonates using Infant or Neonatal Sensors
Pulse Rate	+/-3, +/-1 digit

Memory

Memory Capacity	72 hour(s)

Indicators

Pulse Quality	LED, tri-color
Numeric Displays	3-digit, 7-segment LED, red
Low battery	LED, yellow

Temperature

Operating temperature	-20°C to 50°C (-4°F to 122°F)
Storage/Transportation temperature	-30°C to 50°C (-22°F to 122°F)

Humidity

Operation humidity	10 to 90% non-condensing %
Storage/Transportation humidity	10 to 95% non-condensing %

Altitude

Operating altitude	Up to 12,000 meters (40,000 feet)
Hyperbaric pressure	Up to 4 atm

Power Options

Batteries	Four 1.5 V AA size alkaline batteries (100 hours typical operation)
Rechargeable battery pack	NIMH rechargeable battery pack (45 hours typical operation)
AC Power	Charging stand

General system

Dimensions	13.8 cm x 7.0 cm x 3.2 cm (5.4" x 2.8" x 1.3")
Weight (with alkaline batteries)	210 g (7.4 oz)
Weight (with NIMH rechargeable battery pack)	230 g (8.1 oz)

920M Handheld Oximeter

Oxygen saturation meter

This small, easy to use handheld unit delivers on-the-spot oximetry readings; perfect for home use. The 920M stores up to 18 hours of trend memory.

Features

Spot checking for instant information

Spot checking for instant information

Memory option gives insight into trends

The 920M has 18 hours of memory capability.

3-year warranty for complete peace of mind

3-year warranty for complete peace of mind

InCourage system

Airway clearance device

A noninvasive high frequency chest wall oscillation (HFCWO) device, the InCourage system benefits patients living with a wide range of chronic respiratory challenges associated with cystic fibrosis, certain neuromuscular/neuromotor diseases, COPD and bronchiectasis.

Features

A clear choice toward a deep breath

Only the InCourage system uses triangular waveform technology. Research has shown that triangular waveform technology clears up to 20% more mucus than competing technology.1 It features active venting designed for a deep, comfortable breath during therapy.

Designed for ease

Traditional chest physical therapy (CPT) therapy requires help from a skilled caregiver, the InCourage system gives you the freedom to do therapy on your own. It's easy to use in quick start, auto pause or multi step modes. And, the quickfit tabs ensure a tailored fit, simply adjust the tabs at first use and you're all set.

A variety of colors and sizes

Whether you prefer black or want to crank it up to personalize your therapy routine with a bold, vivid pattern. The InCourage comfort vest is offered over 200 color and size combinations, ranging from pediatric to adult (16" to 60").

Covered from hospital to home

ClearChest comfort vests and bands are the disposable, in-facility option of the InCourage system. The ClearChest product line provides the airway clearance therapy needed for critical care patients.

Keeping you on the clear path

Enhance patient therapy/treatment with InCourage system accessories. We offer an array of accessories to help patients and their families become mobile and to support the functionality and effectiveness of their device.

The support and training you need

The innovative technology of the InCourage system sets it apart from the competition. The support behind all of it keeps it there including personalized, in-home product training and set-up, on-going customer support, access to useful product information and product performance warranty.

Specifications

InCourage system specifications

Mode of operation:	Continuous use
Operating temperature:	50°F to 92°F (10°C to 33°C) ambient temperature
Storage/Transport:	-13°F to 185°F (-25°C to 85°C)
Operating humidity:	20% to 80% RH (non-condensing)

Therapy unit specifications

Therapy unit length:	13.5" (34.3 cm)
Therapy unit width:	9" (22.9 cm)
Therapy unit height:	13" (33.0 cm)
Therapy unit weight:	17.5 lbs. (7.94 kg)
Input source:	120 VAC RMS, 50/60Hz, single phase
Wattage:	500 Watts
Fuses:	5 A 125 VAC

Vest specifications

Outer shell:	1050 denier nylon, PVC-coated
Inner shell:	200 denier nylon, PVC-coated
Straps:	Nylon auto-adjusting straps with quick-release connectors
Latex information:	Not made with natural rubber latex

Product available through Philips affiliate RespirTech, the manufacturer and distributor of the InCourage system.

(1)Millia CE, Hansen LG, Weber A, Warwick WJ. High-Frequency Chest Compression: effect of the third generation compression waveform. Biomed Instrum Technol 2004; 38:322:328. Note: 8 CF patient study comparing triangular vs. sine waveform technology.

CoughAssist T70

Mechanical Insufflator-Exsufflator

CoughAssist T70 is a mechanical insufflation-exsufflation device designed to noninvasively clear secretions from the lungs by simulating a natural cough. Similar to a normal deep breath, CoughAssist gradually applies positive air pressure (insufflation) to obtain a large volume of air within the lungs. The device then quickly reverses the flow of air by shifting to negative air pressure (exsufflation). The resulting high expiratory flow helps mobilize secretions out of the airway as a deep, natural cough would do.

Features

Control and synchronization

The proprietary, integrated Cough-Trak algorithm gives patients the ability to initiate their therapy. By triggering on patient inspiration, this feature helps to synchronize therapy with the user's breathing pattern allowing for more control of therapy and a more comfortable, natural treatment.

Flexibility in delivering therapy

Three highly customizable therapy modes offer the ability to better tailor therapy to patient needs and treatment settings; Manual, Auto, Advanced Auto. From complete manual control over every aspect of treatment by a clinician or caregiver to a fully automated treatment mode including pressure settings, pre-therapy breaths and cough cycles.

Loosening and mobilization

CoughAssist offers an adjustable oscillation feature designed to enhance the loosening of mucus from the bronchial walls and increase mobilization of secretions to help improve bronchial drainage and increase the benefits of mechanical insufflation-exsufflation therapy.[1],[2]

Multiple non-invasive patient interface options

Instead of introducing a suction catheter into the airway, CoughAssist delivers therapy through a face mask, mouthpiece, or a simple adapter that allows the device to function with an endotracheal or tracheotomy tube.

Enhance clinical evaluation and reporting

Data management tools help assess therapy efficacy and enable better clinical decision-making around patient use and treatment settings. Achieve the most effective cough with insight into a patient's response to therapy from CoughAssist by monitoring data including peak cough flow and oxygen saturation while also reviewing pressure and flow waveforms.

Enhance patient mobility and care with CoughAssist accessories

From multiple power source options and a roll stand, oximetry accessories and a hands-free control foot pedal option, CoughAssist's array of accessories helps give patients and families more freedom and mobility while maintaining effective treatment.

Specifications

Features and settings

Presets	3
Modes	Manual, Auto, Advanced Auto
Maximum positive pressure	70 cm H_2O
Maximum negative pressure	-70 cm H_2O
Triggering	Cough-Trak on/off (not available in Manual mode)
Inhale flow	Low/medium/high
Inspiratory time	0.0 to 5.0 sec (not available in Manual mode)
Expiratory time	0.0 to 5.0 sec (not available in Manual mode)
Pause time	0.0 to 5.0 sec (not available in Manual mode or if Cough-Trak is enabled)

Environmental

Relative humidity	15 to 95 % (non-condensing)
Operating temperature	5 to 35 °C
Atmospheric pressure	101 to 77 kPa (approximately 0-7500 ft)
Weight (without detachable battery)	3.8 kg (8.4 lbs)
Weight (with detachable battery installed)	4.3 kg (9.4 lbs)
Size	29.2 cm W x 23.1 cm H x 19.0 cm D (11.5" W x 9.1" H x 9.5" D)

[1]Morrison, L. Evaluation of the oscillatory Cough Assist E70 in adults with cystic fibrosis (CF). Journal of Cystic Fibrosis. June 2015. Vol 14, Suppl 1, Page S101.

[2]K. et al. The Effect of High-Frequency Oscillatory Vibration on Peak Expiratory Flow Generated by a MI-E Cough Assist Device in a Mechanical Lung Model. European Respiratory Journal. 2018. 52: PA1460.

По вопросам продаж и поддержки обращайтесь:

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