

INVACARE®

Oxygen Products

- Portable Oxygen Concentrators
- Invacare® HomeFill® Oxygen Filling System
- Oxygen Concentrators
- Conservers, Cylinders and Accessories
- Patient Monitoring Systems
- Disposable Oxygen Products





INVACARE® SOLO₂®

Transportable Oxygen Concentrator

The Invacare® SOLO₂® Transportable Oxygen Concentrator is the latest addition to Invacare's proven line of oxygen therapy products. Providers and patients have a choice of ambulatory systems from Invacare, the world leader in oxygen. Designed to help providers meet the needs of oxygen patients in nearly any setting, the SOLO₂ Transportable Oxygen Concentrator features continuous flow up to 1-3 LPM and pulse dose 1-5. It is small, quiet and reliable, giving patients the freedom to go just about anywhere without fear of running out of oxygen, including air travel.

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Features

- Pulse dose settings 1-5 meet the needs of a broad range of patients
- Battery, AC or DC operation for patient convenience
- No separate battery recharger; charge battery with either the AC or DC adapter
- Wheeled cart included with every SOLO₂ concentrator kit

The Invacare® SOLO₂® Transportable Concentrator includes the AC adapter, DC adapter, battery (not shown) and cart.

Provider Benefits

- Latest addition to Invacare's proven history of durable, reliable oxygen technologies
- Clinically robust design to keep patients oxygenated at all levels of activity
- A great alternative or adjunct to the Invacare® HomeFill® Oxygen System to fill all oxygen product needs
- Supports a non-delivery business model for lower operating costs

Patient Benefits

- Easy to read control panel; no lights or codes to interpret
- Designed for ease of use
- No fear about running out of oxygen
- Encourages mobility, travel and independence
- Continuous flow and pulse settings provide maximum flexibility
- Invacare® **Sensi-Pulse™** Technology
- Approved for use onboard aircraft by FAA. Visit www.invacare.com for a list of airlines that allow the use of the SOLO₂ Transportable Oxygen Concentrator



Before use in a moving vehicle, properly secure unit to prevent possible damage or injury.

Invacare® Sensi-Pulse™ Technology

The Invacare® SOLQ2® concentrator features Invacare® **Sensi-Pulse™** Technology that customizes the size of each bolus of oxygen to meet patient demand. Whether sleeping, relaxing or exercising, Sensi-Pulse technology adapts to the patient's oxygen needs. Sensitive conserver, sensible design...Sensi-Pulse.

Sensi-Pulse technology provides constant minute-volume oxygen delivery. This means that regardless of a patient's breath rate, the same amount of oxygen is provided per minute. As the breath rate decreases, the bolus size increases.

Typical Product Parameters

Sound level	< 40db @ 2 LPM continuous < 40db @ 1-5 pulse dose settings
Oxygen flow	0.5 - 3.0 continuous flow, 1-5 pulse settings
Oxygen concentration	95.6% – 87% at all settings
Weight	17 lb. concentrator, 3 lb. battery
Dimensions	16.5" H x 11" W x 8" D
Battery duration	2.6 hours @ 2 LPM 1.35 hours @ 3 LPM
Battery recharge time	4.5 hours*
DC power input	24 VDC @ 7.5 amps
AC power adapter input	100-240 VAC 50/60 Hz, 2.5 amps @ 120 VAC
DC power adapter input	11-16 volts, 10.0 amps max
Operating altitude	Up to 10,000 ft. (3046 m) above sea level
Maximum oxygen capacity	3 LPM continuous
Conserver trigger sensitivity	.20 cm H ₂ O
Limited warranty	Concentrator - 3 years, Battery and accessories - 1 year

* recharge time increases if unit is running while charging

Model Selection Guide

Model no.	Description	HCPCS Code
TPO100B	Concentrator, battery, AC adapter, DC adapter and cart	E1390 and/or E1392
TPO100	Concentrator, AC adapter, DC adapter and cart	E1390 and/or E1392
TPO110	Battery pack	
TPO120	Wheeled cart	
TPO130	AC power adapter	
TPO140	DC power cord	
TPO160	Accessory bag	
TPO170	Humidifier kit (Bottle, tubing, accessory bag)	

Average Pulse Volume

Setting	@ 20 bpm
1	18 ml
2	36 ml
3	54 ml
4	72 ml
5	90 ml

The patented, integrated electronic conserver provides a substantial bolus of oxygen at each setting and breath rate.



INVACARE®

XPO₂™

Portable Oxygen Concentrator

The Invacare® XPO₂™ Portable Concentrator offers providers and patients a choice of ambulatory systems from Invacare, the world leader in oxygen. Named for its extreme portability, the XPO₂ is designed to be lightweight, clinically robust and easy to operate. The supplemental battery and AC/DC power options make it easy for patients to go just about anywhere without fear of running out of oxygen.

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Features

- Pulse dose settings 1-5 meet the needs of a broad range of patients
- Battery, AC or DC operation for patient convenience
- No separate battery recharger. Charge internal and external batteries with either the AC or DC adapter
- Supplemental battery pack allows for extended battery duration

Small, lightweight design to enhance patient convenience.

Provider Benefits

- Key offering in Invacare's proven history of durable, reliable oxygen technologies
- Clinically robust design to keep patients oxygenated at all levels of activity
- A great alternative or adjunct to the Invacare® HomeFill® oxygen system to meet patient's ambulatory needs
- Supports a non-delivery business model for lower operating costs

Patient Benefits

- Small, lightweight and inconspicuous
- Designed for ease of use
- No fear about running out of oxygen
- Encourages mobility, travel and independence
- Approved for use onboard aircraft by FAA. Visit www.invacare.com for a list of airlines that allow the use of the XPO₂ portable concentrator
- Invacare® **Sensi-Pulse™** Technology

The Invacare® XPO₂™ Portable Concentrator includes the components shown. Other accessories are available separately.

A Battery pack

B AC power adapter

C DC power adapter





Invacare® Sensi-Pulse™ Technology

The Invacare® XPO2™ Concentrator features Invacare® Sensi-Pulse™ Technology that customizes the size of each bolus of oxygen to meet patient demand. Whether sleeping, relaxing or exercising, Sensi-Pulse technology adapts to the patient's oxygen needs. Sensitive conserver, sensible design... Sensi-Pulse.

Sensi-Pulse technology provides constant minute-volume. This means that regardless of a patient's breath rate oxygen delivery, the same amount of oxygen is provided per minute. As the breath rate decreases, the bolus size increases.

Average Pulse Volume		
Setting	@ 15 bpm	@ 20 bpm
1	20 ml	15 ml
2	31 ml	23 ml
3	41 ml	31 ml
4	49 ml	37 ml
5	56 ml	42 ml

The patented, integrated electronic conserver provides a substantial bolus of oxygen at each setting and breath rate.

Product Specifications

Oxygen flow	Pulse Dose Delivery, Settings 1-5
Oxygen concentration	90% +/- 3% at all settings
Weight	6 lb. concentrator, 1.3 lb. supplemental battery
Dimensions	10" H x 7" W x 4" D
Battery duration	2.5 hours at setting 2, internal battery 2.5 hours at setting 2, supplemental battery
Battery recharge time	3 hours*
Power consumption	35 watts
AC power adapter	100-240 VAC 50/60 Hz, 1.5 amps at 120 VAC
DC power adapter	12-16 VDC, 3.3 amps at 18 VDC
Operating altitude	Up to 10,000 ft (3046 m) above sea level
Oxygen capacity	900 ml per minute
Limited Warranty	Concentrator - 3 years (compressor 2 years) Battery and accessories - 1 year

* recharge time increases if unit is running while charging



Model Selection Guide

Model no.	Description
XPO100B	Concentrator, carrying case, supplemental battery, AC adapter, DC adapter
XPO100	Concentrator, carrying case, AC adapter and DC adapter
XPO110	Supplemental battery pack
XPO120	Wheeled cart
XPO130	AC power adapter
XPO140	DC power adapter
XPO150	Concentrator carrying case
XPO160	Accessory bag

INVACARE®

HomeFill®

Oxygen Filling System

The Invacare® HomeFill® Oxygen Filling System has revolutionized ambulatory oxygen by allowing patients to fill their own cylinders from their Invacare 5-liter and 10-liter* concentrators. With the HomeFill System, providers reduce costs by virtually eliminating cylinder deliveries, while patients enjoy their freedom and independence with an unlimited supply of ambulatory oxygen. The HomeFill Oxygen Filling System allows the patient to breathe at home from a continuous flow concentrator and then use a convenient ambulatory pack when they are "out and about."

The available Patient Convenience Pack for the HomeFill System uses the latest integrated pneumatic conserving technology while remaining lightweight. This cylinder combines all the patient independence and provider cost savings realized with the HomeFill delivery model plus carefree convenience and simplicity. The convenience pack (available in M2, ML4, ML6 and M9 size cylinders) requires no batteries, no cumbersome connection tubes and uses a standard single lumen cannula. It allows the patient to quickly fill an ambulatory cylinder and go where they want, when they want. Now HomeFill cylinders are also available with CGA870 compatible post valves and integrated conservers. With a full line of cylinders, the HomeFill Oxygen Filling System now meets the needs of most oxygen patients.



Features

- Small and lightweight cylinders
- Connections and controls are easy to use
- Patient has independence and freedom
- Patient breathes from continuous flow concentrator while filling cylinders and at night
- Virtually eliminates the high service costs of frequent delivery of cylinders or liquid oxygen

* For patients with oxygen flow rates up to 5 liters per minute.

Specifications - HomeFill Compressor

Electrical requirements	120 VAC ± 10% at 60 Hz
Power consumption	140 watts
Rated current input	2.0 amps
Inlet pressure rating	14 - 21 psi
Oxygen output (from concentrator)	
5-liter concentrator	0 - 3 lpm (while filling cylinders)
10-liter concentrator	0 - 5 lpm (while filling cylinders)

Oxygen input	0 - 2 lpm
Dimensions	
Width	20.25"
Height	15"
Depth	16"
Weight	33 lb.



Connections and controls are designed for ease of operation by the patient.



Invacare® HomeFill® System with Perfecto2™ Concentrator shown.

Cylinder Specifications - Post Valve and Integrated Regulator Cylinders

Model no.	HF2POST6	HF2POST9	HF2POSTD	IOH2M6	IOH2M9	IOH2MD
Height	12"	15"	21"	15.25"	14.25"	19.75"
Weight	4.2 lb.	5.4 lb.	6.5 lb.	3.5 lb.	4.8 lb.	7 lb.
Diameter	4.38"	4.38"	4.38"	3"	4.38"	4.38"
Capacity	170 Liters	255 Liters	422 Liters	148 Liters	248 Liters	422 Liters
Duration @ 2 lpm flow	Varies	Varies	Varies	1 Hr	1.9 Hrs	3.5 Hrs
Fill time	75 Min	125 Min	3.5 Hrs	1 Hr	1.9 Hrs	3.5 Hrs
Flow settings	N/A	N/A	N/A	0 - 6 lpm	0 - 6 lpm	0 - 6 lpm

Model Selection Guide

Model no.	Units/case	Limited warranty	Description
IOH200	1	1 year*	HomeFill oxygen compressor
IOH200PPC	1	1 year*	HomeFill compressor with Ready-Rack, cylinder carrying bag and two ML6 HomeFill cylinders
IOH200PPC2	1	1 year*	HomeFill compressor with Ready-Rack, 2 cylinder carrying bags and two M2 HomeFill cylinders
IOH200PPC4	1	1 year*	HomeFill compressor with Ready-Rack, cylinder carrying bag and two ML4 HomeFill cylinders
IOH200PPC9	1	1 year*	HomeFill compressor with Ready-Rack, cylinder carrying bag and two M9 HomeFill cylinders
IOH200PV65P	1	1 year*	HomeFill compressor with Ready-Rack, Invacare® Perfecto2™ concentrator, pneumatic conserver, cylinder carrying bag and two ML6 Post Valve cylinders
IOH200PV65P02	1	1 year*	HomeFill compressor with Ready-Rack, Invacare® Perfecto2 concentrator with Invacare® SensO2™ Sensor, pneumatic conserver, cylinder carrying bag and two ML6 Post Valve cylinders
IOPH200PV95P	1	1 year*	HomeFill compressor with Ready-Rack, Perfecto2 concentrator, pneumatic conserver, cylinder carrying bag and two M9 Post Valve cylinders
IOH200PV95P02	1	1 year*	HomeFill compressor with Ready-Rack, Invacare® Perfecto2 concentrator with SensO2 Sensor, pneumatic conserver, cylinder carrying bag and two M9 Post Valve cylinders
IOH260	1	1 year	HomeFill Ready-Rack for use with Invacare® Platinum™ concentrators
IOH270	1	1 year	HomeFill Ready-Rack for use with Perfecto2 concentrator
HF2PCL6	1	3 years (conserver)	HomeFill Patient Convenience Pack - cylinder only (ML6 size)
HF2PCL4	1	3 years (conserver)	HomeFill Patient Convenience Pack - cylinder only (ML4 size)
HF2PC9	1	3 years (conserver)	HomeFill Patient Convenience Pack - cylinder only (M9 size)
HF2PCL6BAG	1	n/a	HomeFill Patient Convenience Pack - bag only (ML6 size)
HF2PCL4BAG	1	n/a	HomeFill Patient Convenience Pack - bag only (ML4 size)
HF2PC9BAG	1	n/a	HomeFill Patient Convenience Pack - bag only (M9 size)
HF2PCM2KIT	1	3 years (conserver)	HomeFill Patient Convenience Pack - bag and cylinder (M2 size)
HF2PCL4KIT	1	3 years (conserver)	HomeFill Patient Convenience Pack - bag and cylinder (ML4 size)
HF2PCL6KIT	1	3 years (conserver)	HomeFill Patient Convenience Pack - bag and cylinder (ML6 size)
HF2PC9KIT	1	3 years (conserver)	HomeFill Patient Convenience Pack - bag and cylinder (M9 size)
IOH2M6	1	2 years (regulator)	HomeFill cylinder assembly - M6 size
IOH2M9	1	2 years (regulator)	HomeFill cylinder assembly - M9 (C) size
IOH2MD	1	2 years (regulator)	HomeFill cylinder assembly - D size
HF2POST6	1	1 year	HomeFill cylinder assembly - CGA870 Post Valve compatible - ML6 size
HF2POST9	1	1 year	HomeFill cylinder assembly - CGA870 Post Valve compatible - M9 size
HF2POSTD	1	1 year	HomeFill cylinder assembly - CGA870 Post Valve compatible - D size
HF2POST6BAG	1	n/a	HomeFill Post Valve cylinder bag - ML6 size
HF2POST9BAG	1	n/a	HomeFill Post Valve cylinder bag - M9 size
HF2POST6KIT	1	1 year	HomeFill Post Valve cylinder and bag - ML6 size
HF2POST9KIT	1	1 year	HomeFill Post Valve cylinder and bag - ML6 size

* 3-year (or 5,000-hour) parts and labor limited warranty on internal-wear components and control-panel components.

Cylinder Specifications - Integrated Conserver Cylinder

Model no.	HF2PCM2KIT	HF2PCL4	HF2PCL6	HF2PC9
Height	8.25"	9"	11"	14"
Weight	2 lb.	3.1 lb.	3.5 lb.	4.8 lb
Diameter	3"	4.38"	4.38"	4.38"
Capacity	57 Liters	113 Liters	170 Liters	255 Liters
Conserved Durations (Hrs) @ 20 bpm				
At setting of 1	3.4 Hrs	6.7 Hrs	9.8 Hrs	15.2 Hrs
At setting of 2	2.2 Hrs	4.3 Hrs	6.3 Hrs	10.5 Hrs
At setting of 3	1.6 Hrs	3.2 Hrs	4.7 Hrs	7.3 Hrs
At setting of 4	1.3 Hrs	2.6 Hrs	3.8 Hrs	5.9 Hrs
At setting of 5	1.1 Hrs	2.1 Hrs	3.1 Hrs	4.8 Hrs
Fill Time	24 Min	55 Min	75 Min	125 Min
Flow Settings	1-5 Pulse or 2 lpm Cont.	1-5 Pulse or 2 lpm Cont.	1-5 Pulse or 2 lpm Cont.	1-5 Pulse or 2 lpm Cont.



INVACARE®

Oxygen Concentrators

Invacare® Perfecto₂™ Oxygen Concentrator

Invacare® Perfecto₂™ V Oxygen Concentrator

Invacare® Perfecto₂™ W Oxygen Concentrator

Invacare® Platinum™ 10 Oxygen Concentrator

The Invacare® Perfecto₂™ Oxygen Concentrator series consists of small, lightweight, quiet and energy efficient 5-liter concentrators. The Invacare® Perfecto₂ W Concentrator is an ultra-quiet version of the Perfecto₂ concentrator, with a sound level 60% quieter than the original, making it perfect for noise-sensitive patients in nursing homes or sleep facilities. The Invacare® Perfecto₂ V Concentrator is a quality, yet economical version of the original that comes standard with the Invacare® SensO₂® oxygen sensor. Each of these high performance concentrators feature a robust compressor, Invacare® HomeFill® Oxygen System compatibility and contemporary design. The Perfecto₂ Concentrator series represents a quantum leap forward in the evolution of oxygen concentrators.

The HomeFill compressor and Ready-Rack coordinate with the Perfecto₂ concentrator.

Model no. IOH200 HomeFill compressor

Model no. IOH270 Ready-Rack



Key Features

Top handle	For ease of delivery and service
Servicing parts compatibility	Compatible with many Platinum concentrator parts
Alarms and safety systems	Battery-free power-loss alarm; Sieve-GARD™ monitors sieve performance; SensO ₂ ® oxygen monitor; Compressor 35 psi pressure-relief valve, low flow alarm
Pressure-based system	Superior to timing-based systems
Self-diagnostic electronics	Minimizes troubleshooting time
Simplified P.M. schedule	Replace P.M. components as needed

Model Selection Guide

Model No.	Units/Case	Limited Warranty	Description
IRC5P	1	3 Years	Perfecto ₂ 5-liter concentrator
IRC5P02	1	3 Years	Perfecto ₂ 5-liter concentrator with SensO ₂ Sensor
IRC5P02V	1	3 Years	Perfecto ₂ V 5-liter concentrator with SensO ₂ Sensor
IRC5PW	1	3 Years	Perfecto ₂ W 5-liter concentrator
IRC5P02W	1	3 Years	Perfecto ₂ W 5-liter concentrator with SensO ₂ Sensor
IOH200	1	3 Years	HomeFill Oxygen Compressor
IOH270	1	1 Year	HomeFill Ready-Rack (for use with Perfecto ₂ concentrator only)



HomeFill Oxygen System connection.

Internal sound treatments, as well as a scoop on the back, result in significant noise reduction for the Perfecto₂ W concentrator.



Specifications - Invacare® Perfecto2™ 10 Concentrator

Model	Perfecto2 Concentrator	Perfecto2 W Concentrator	Perfecto2 V Concentrator
Dimensions			
Width	13"	13"	13"
Height	23"	23"	23"
Depth	11.5"	11.5"	11.5"
Weight	43 lb.	45 lb.	39 lb.
Shipping weight	47 lb.	49 lb.	45 lb.
Sound level	43 dB	39 dB	43 dB
Average power consumption	280 watts @ 3 LPM	280 watts @ 3 LPM	325 watts @ 3 LPM
Number per pallet	27 units	27 units	27 units
Oxygen output concentration levels	95.6% to 87% at all flow rates	95.6% to 87% at all flow rates	95.6% to 87% at all flow rates
Maximum outlet pressure	5 +/- 0.5 psi.	5 +/- 0.5 psi.	5 +/- 0.5 psi.
Flow range	1/2 - 5 L/min.	1/2 - 5 L/min.	1/2 - 5 L/min.
Electrical requirements	120 VAC +/- 10%, 60Hz	120 VAC +/- 10%, 60Hz	120 VAC +/- 10%, 60Hz
Rated current input	4.0 A	4.0 A	3.0 A
Pressure relief mechanism operational	35 psi +/- 3.5 psi	35 psi +/- 3.5 psi	35 psi +/- 3.5 psi
Filters	Cabinet, outlet HEPA, compressor inlet	Cabinet, outlet HEPA, compressor inlet	Cabinet, outlet HEPA, compressor inlet
Compressor life expectancy	40,000 hrs	40,000 hrs	25,000 hrs

The **Invacare® Platinum™ 10 Concentrator** provides an attractive alternative to liquid systems and is known for reliability, performance and value. The unit features quiet operation, a top handle and bottom recesses for easy handling and a side filter access door. In addition, the concentrator is compatible with the Invacare® HomeFill® Oxygen System and is available with an Invacare® SensO2® Oxygen Purity sensor.

Features

- Delivers continuous oxygen up to 10 LPM
- HomeFill Oxygen System compatibility for patients with flow rates up to 5 LPM
- Alternative to liquid systems
- Common maintenance and spare parts with the Platinum 5 and XL Concentrators for streamlined servicing
- Same platform as the Platinum XL Concentrator you know and trust, with less than 10 different parts from the Platinum XL Concentrator
- Outstanding life cycle costs



Specifications - Invacare® Platinum™ 10 Concentrator

Electrical requirements	120 VAC +/- 10% (132 VAC/108 VAC) 60Hz
Rated current input	4.0 A
Sound level	50 dB average
Oxygen output concentration levels	94% to 87% at all flow rates
Maximum outlet pressure	9 +/- 0.5 psi
Flow range	2 - 10 L/min
Average power consumption	585 W
Pressure relief mechanism operational	35 psi +/- 3.5 psi
Filters	Cabinet, outlet HEPA, compressor inlet
Dimensions	
Width	18 3/8"
Height	26 3/8"
Depth	14 3/8"
Weight	54 lb.
Shipping weight	60 lb.
Approval - Platinum XL Concentrator	ETC

Model Selection Guide

Model no.	Units/Case	Limited warranty	Description	Peak flow
IRC10LX	1	3 years	Platinum 10 oxygen concentrator	10 lpm
IRC10LOX2	1	3 years	Platinum 10 oxygen concentrator with SensO2	10 lpm

Invacare® Oxygen Concentrator Accessories



Invacare® Check O₂ Plus™ Concentrator Analyzer

Model no. IRC400

The Invacare® Check O₂ Plus™ Concentrator Analyzer is a single economical instrument that reports all the operating parameters necessary for performing oxygen concentrator checks. It is an efficient and cost-effective analyzer designed with technicians in mind. It checks oxygen concentration, flow rate and patient outlet pressure on any oxygen concentrator. What's more, it requires no routine calibration, and there's no fuel cell to replace. The Invacare Check O₂ Plus Concentrator Analyzer is three analyzers rolled into one.

Features

- Measures three parameters, eliminating the need for multiple instruments
- Never needs to have the fuel cell replaced; it uses ultrasonic rather than galvanic fuel-cell technology
- Requires no routine calibration
- Features simple two-button operation
- Shuts off automatically to extend battery life
- Nine-volt battery power source provides three years of typical use

Specifications

Weight (with battery)	10 oz. (284 g)	
Operating temperature range	59°F - 95°F (+15°C - +35°C)	
Parameter	Range	Accuracy
O ₂ %	73.0%-95.6%	± 2%
Flow	0-6 lpm (5% of full range)	± 0.3 lpm
Pressure	0-10 psi 0-68.95 kPa	± 1%

Model Selection Guide

Model no.	Units/Case	Limited warranty	Description
IRC400	1	2 years	Check O ₂ Plus concentrator analyzer with connecting tube



PreciseRx™ Pediatric Flowmeter

Model no. IRCPF16

The PreciseRx™ Pediatric Flowmeter adapts Invacare oxygen concentrators for low-flow usage. This means you can now use this efficient oxygen modality for pediatric applications.

Features

- Delivers flow rates as low as 1/16 lpm or 50 cc/min.
- Delivers precise low-flow oxygen delivery: 1/16 - 3/4 lpm and 50-750 cc/min.
- Easy to install—no tools required
- Requires no permanent concentrator modification with or without humidifier bottles
- Prevents back pressure into concentrator
- Compatible with or without humidifier bottle

PreciseRx Pediatric Flowmeter

Model no.	Units/Case	Limited warranty	Description
IRCPF16	1	1 year	PreciseRx pediatric flowmeter includes: flowmeter, tubing, connectors and humidifier bottle (flow range 1/16 - 3/4 lpm)

Invacare PreciseRx pediatric flowmeter and remote flowmeter are designed for use exclusively with Invacare oxygen concentrators. The input pressure for both is 5 psi (34 kPa).

Invacare® Oxygen Conservers

Pneumatic Conservers



Technical Specifications Pneumatic

Pneumatic		Electronic							
Weight	14.8 oz.	14.4 oz.							
Dimensions	5" L x 2.5" H x 2.5" W	7" L x 2.6" H x 4" W							
Pulse Dose Volumes	Setting	1	2	3	4	5	6		
Pneumatic	ml O2	18	34	50	66	82	98		
Electric	Setting	1	1.5	2	2.5	3	4	5	6
	ml O2	10	15	20	25	30	40	50	60
Continuous Flow	2 L/min +/- 0.5		0.5-6 lpm*						
Required Operating Pressure	200 psi to 3000 psi		200 psi to 2200 psi						
Savings Ratio	3.5:1		5:1						
Cannula	Single lumen		Single lumen						
Regulator	built-in 25 +/- 5 psi		built-in 25 +/- 5 psi						
Operating Temperature	32° F (0°C) to 122° F (50°C)		32° F (0°C) to 122° F (50°C)						
Operating Altitude	0 to 10,000 feet		0 to 10,000 feet						

*Adjustable by provider. Factory set at 2 lpm.

Lotus® Electronic Conservers



Features

Model no. IOC100E, IOC100P

- Weighs less than 1 lb.
- CGA870 compatible
- Senses a breath and delivers an oxygen bolus in first third of the inspiratory cycle
- Limited two year warranty

IOC100P only

- Compact design
- No batteries required
- Single selector knob controls ON/OFF, liter flow and continuous flow mode

IOC100E only

- 2 AA Batteries - (Included)
- Battery test light indicator and battery charge indicator light
- Selector knob controls ON/OFF and liter flow in conserving mode

Cylinder Duration Table: Invacare® Pneumatic Conservers

Setting	1	2	3	4	5	6	Continuous Flow		
Cylinder Type	Cylinder Volume (L)	Estimated Cylinder Duration in Hours Based on 20 BPM							
M2	36	1.6	0.9	0.6	0.5	0.4	0.3	0.3	
M4	113	5.1	2.7	1.9	1.4	1.1	0.9	0.9	
M6	164	7.4	3.9	2.7	2.0	1.6	1.4	1.4	
ML6	171	7.7	9.1	2.8	2.1	1.7	1.4	1.4	
M9	246	11.1	5.9	4.0	3.1	2.5	2.1	2.1	
D	425	19.1	11.1	7.0	5.3	4.3	3.6	3.5	
E	680	30.6	16.4	11.2	8.5	6.5	5.7	5.7	

Cylinder Duration Table: Lotus® Electronic Conservers

Setting	1	1.5	2	2.5	3	4	5	6	Cont. Flow	
Cylinder Type	Cylinder Volume (L)	Estimated Cylinder Duration in Hours Based on 20 BPM								
M2	36	3.0	2.0	1.5	1.2	1.0	0.8	0.6	0.5	0.3
M4	113	9.4	6.3	4.7	3.8	3.1	2.4	1.9	1.6	0.9
M6	164	13.7	9.1	6.8	5.5	4.6	3.4	2.7	2.3	1.4
ML6	171	14.3	9.5	7.1	5.7	4.8	3.6	2.9	2.4	1.4
M9	246	20.5	13.7	10.3	8.2	6.8	5.1	4.1	3.4	2.1
D	425	35.4	23.6	17.7	14.2	11.8	8.9	7.1	5.9	3.5
E	680	56.7	37.8	28.3	22.7	18.9	14.2	11.3	9.4	5.7

Oxygen Cylinders

Invacare® Lightweight Aluminum Cylinders

Invacare offers empty aluminum oxygen cylinders in standard sizes packaged to meet your requirements. You can order units in packs of six, or in competitively priced pallet quantities.

Features

- All cylinders are available in both CGA870 standard and toggle valves (excluding the CGA540 configured sizes)
- One year limited warranty on post valves



Model Selection Guide

Cylinder size	Model no.	Units/Case	Oxygen capacity (liters)	Post valve	Valve type
M4	IRCM4870-6	6	115	CGA870	standard
M4	IRCM4870T-6	6	115	CGA870	toggle
M4	IRCM4870-144	144	115	CGA870	standard
M4	IRCM4870T-144	144	115	CGA870	toggle
M6	IRCM6870-6	6	164	CGA870	standard
M6	IRCM6870T-6	6	164	CGA870	toggle
M6	IRCM6870-144	144	164	CGA870	standard
M6	IRCM6870T-144	144	164	CGA870	toggle
ML6	IRCMML6870-6	6	164	CGA870	standard
ML6	IRCMML6870T-6	6	164	CGA870	toggle
ML6	IRCMML6870-81	81	164	CGA870	standard
ML6	IRCMML6870T-81	81	164	CGA870	toggle
M9	IRCM9870-6	6	248	CGA870	standard
M9	IRCM9870T-6	6	248	CGA870	toggle
M9	IRCM9870-81	81	248	CGA870	standard
M9	IRCM9870T-81	81	248	CGA870	toggle
MD	IRCMD870-6	6	415	CGA870	standard
MD	IRCMD870T-6	6	415	CGA870	toggle
MD	IRCMD870-81	81	415	CGA870	standard
MD	IRCMD870T-81	81	415	CGA870	toggle
ME	IRCM870-6	6	682	CGA870	standard
ME	IRCM870T-6	6	682	CGA870	toggle
ME	IRCM870-81	81	682	CGA870	standard
ME	IRCM870T-81	81	682	CGA870	toggle
M22	IRCM22870-72	72	647	CGA870	standard
M22	IRCM22870T-72	72	647	CGA870	toggle
M60	IRCM60540-42	42	1,726	CGA540	handwheel
M90	IRCM90540-42	42	2,549	CGA540	handwheel
MM	IRCM540-25	25	3,452	CGA540	handwheel

Compressed Oxygen Systems



Invacare® Piston Regulators

Invacare offers the right selection of regulator models, sizes and styles. With CGA870 styles from 4 L/min to 15 L/min maximum flow rate and a CGA540 style at 15 L/min maximum flow rate, Invacare has the right regulator to fit your oxygen needs. A five year limited warranty ensures years of accurate, reliable service.

Features

- "Select flow" style
- Lightweight and durable
- Bumper-protected contents gauge
- Competitively priced

Model Selection Guide

Model #	Units Box	Limited warranty	Description	Maximum Flow (L/min)	Flow settings	Inlet pressure	Outlet pressure** @ 2000 psi
IRC2002	1	5 years	CGA870, 0-4 L/min	4*	0, 1/32, 1/16, 1/8, 1/4, 1/2, 3/4, 1, 1.5, 2, 3, 4	3000 psi max	50 psi nominal
IRC2121	1	5 years	CGA870, 0-6 L/min	6	0, 1/4, 1/2, 3/4, 1, 1.5, 2, 2.5, 3, 4, 5, 6	3000 psi max	20 psi nominal
IRC2020	1	5 years	CGA870, 0-8 L/min	8	0, 1/2, 1, 1.5, 2, 2.5, 3, 4, 5, 6, 7, 8	3000 psi max	50 psi nominal
IRC2025	1	5 years	CGA870, 0-15 L/min	15	0, 1/2, 1, 2, 3, 4, 5, 6, 8, 10, 12, 15	3000 psi max	50 psi nominal
IRC2030	1	5 years	CGA540, 0-15 L/min	15	0, 1/2, 1, 2, 3, 4, 5, 6, 8, 10, 12, 15	3000 psi max	50 psi nominal

*In pediatric increments.

** 50 psi nominal = 48-65 psi @ 2000 psi cylinder pressure.



Invacare® Compressed Oxygen Systems

Invacare® Compressed Oxygen Systems meet or exceed the requirements to support the home oxygen therapy patient and provider. They are applicable for virtually all home oxygen prescriptions and because they contain fewer parts than most competing systems, Invacare systems minimize inventory space.

Features

- Lightweight aluminum cylinder with contents gauge on regulator
- Two-wheel cart or black nylon shoulder bag
- Durable 0-8 lpm Invacare piston regulator to match cylinder
- Nasal cannula
- Plastic wrench
- Operating instructions
- Lightweight shoulder pack weighs just 8 lb.

Model Selection Guide

Model no.	Units/Case	Description
HP4121	1	D-size shoulder pack with contents gauge on cylinder regulator
HP4021	1	E-size cart system with contents gauge on cylinder regulator
HP5102	1	nylon shoulder bag for D cylinder (black)
HP5001	2	two-wheel cart for D or E cylinder
HP5900	1	plastic wrench for post valve

INVACARE®

Patient Monitoring Systems

Invacare offers an extensive line of pulse oximetry solutions. These high-performance patient monitoring systems provide fast, accurate readings. They're lightweight, completely portable and engineered for durability. When you want respiratory monitoring in a home care setting, Invacare has the products that fit your needs.

Perfect for titrating patients using portable oxygen such as the Invacare® XPO₂™ portable oxygen concentrator, Invacare® SOLO₂® transportable oxygen concentrator and Invacare® HomeFill® portable oxygen cylinders.

SPECTRO₂™|10 Digital Pulse Oximeter



Large, Bright LED Display

Simple, One-handed Operation

Durable Construction

Affordable, dependable and easy to use

Why sacrifice performance for cost? With the SPECTRO₂™|10 pulse oximeter, you don't have to. The SPECTRO₂™|10 oximeter delivers quick, reliable spotcheck results, meeting the needs of health care providers in primary care environments.

With its unique features and optional accessories, the SPECTRO₂™|10 oximeter can be customized to address the needs of virtually any clinical setting. For more information about the SPECTRO₂™|10 oximeter and its associated accessories, visit www.invacare.com.

- **Routine patient care assessments**
- **Ongoing management of episodic conditions**
- **Health wellness checks**

SPECTRO₂™|30 Digital Pulse Oximeter



Low Perfusion Performance

Motion Tolerance

Multiple Operating Modes

Visual, Audible and Remote Alarms

Dependable results, plus the flexibility to perform in virtually any clinical setting

Utilizing BCI® patented technology, the SPECTRO₂™|30 pulse oximeter can be trusted for dependable readings on a wide range of patients in the most challenging situations. Includes multiple operating modes with audible and visual alarms and the ability to be alerted through a remote nurse call system to ensure patient safety. The SPECTRO₂™|30 oximeter enables health care providers to monitor for efficacy of respiratory treatments.

With its unique features and optional accessories, the SPECTRO₂™|30 oximeter can be customized to address needs in most clinical settings. For more information about the SPECTRO₂™|30 oximeter and its associated accessories, visit www.invacare.com.

- **At risk patients**
- **Sleep screening**
- **Post anesthesia recovery**
- **Analgesics monitoring**

SPECTRO₂[™] Digital Pulse Oximeters Optional Accessories



Docking Station



Attachable Printer



Accessories

Docking Station

- Converts hand-held device to a table-top unit
- Allows for convenient storage
- Recharges device when using optional Lithium ion battery and charges an additional "back-up" battery
- Modular style for attaching optional printer
- Comes with AC adapter

Attachable Printer

(Docking Station required)

- Prints real-time, graphical and numerical trends

Power Options

- Disposable batteries
- AC power
- BCI® rechargeable Lithium ion battery
- USB cable

Protective Rubber Glove

Model No.	Description
WW1025SYS	SPECTRO ₂ [™] Docking Station
WW1026SYS	SPECTRO ₂ [™] Attachable Printer
WW1018B	SPECTRO ₂ [™] Protective Glove - Blue
WW1095	SPECTRO ₂ [™] Universal AC Main Adapter
WW1090	SPECTRO ₂ [™] Rechargeable Lithium Ion Battery Pack
WW1027	SPECTRO ₂ [™] Printer Paper 5 Pack

Finger Tip Pulse Oximeter



Invacare Tip Finger Pulse Oximeter

This small, lightweight finger tip pulse oximeter is a convenient and economical choice for fast, reliable SpO₂, pulse rate and pulse strength measurements.

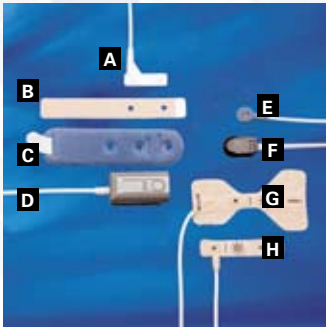
Features

- Small, lightweight design
- Accommodates a wide range of finger sizes from pediatric to adult
- Large LED display allows for ease of use in a wide range of light or dark environments
- Two "AAA" batteries (included) allow for approximately 30 hours of normal operation
- Low battery indicator and automatic power off

Model No.	Description
MD-300-C13	Finger Tip Pulse Oximeter
WW1000EN	SPECTRO ₂ [™] 10 Digital Pulse Oximeter
WW1030EN	SPECTRO ₂ [™] 30 Digital Pulse Oximeter

For more detailed information on the Invacare line of pulse oximeters, please refer to 09-107 Sellsheet.

Patient Monitoring System Guide



- A** Infant wrap probe
- B** Attachment tape for infant wrap probe
- C** Posey® wrap attachment for Universal "Y"
- D** Durable finger probe
- E** Universal "Y"
- F** Ear probe
- G** Disposable probe, adult
- H** Disposable probe, infant

Patient Monitoring Systems Model Selection Guide

Model no.	Units/Case	Description
Digit® finger pulse oximeter		
IRC600	1	Digit finger pulse oximeter
Probes		
IRC730	10	disposable oximetry probe, adult finger – G
IRC731	10	disposable oximetry probe, pediatric finger, 13-45 kg
IRC732	10	disposable oximetry probe, infant, 3-15 kg – H
IRC740	1	universal "Y" oximetry probe – E
IRC799	1	durable finger probe – D
IRC900	1	infant wrap probe – A
IRC901	1	ear probe – F
IRC902	50	attachment tape for infant wrap probe – B
IRC903	10	posey wrap attachment for universal "Y" – C

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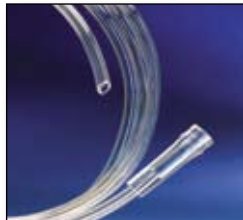
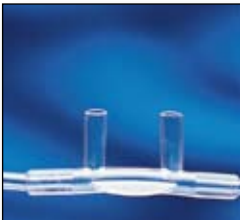
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Disposable Oxygen Products



Disposable Oxygen Products Model Selection Guide

Nasal Cannulas

Model no.	Units/Case	Description
MS0194	50	4 ft. (122 cm) nasal cannula, extra soft, curved tip with crush-resistant tubing
MS3120	50	7 ft. (213 cm) nasal cannula, extra soft, curved tip, with crush-resistant tubing
MS0204	25	4 ft. (122 cm) high flow nasal cannula curved tip, smooth-bore tubing, recommended for use with the Invacare® HomeFill® Oxygen System
MS0550	10	7 ft. (213 cm) high flow nasal cannula curved tip with crush-resistant tubing
MS0551	10	25 ft. (762 cm) high flow cannula, curved tip, crush-tubing, purple tint
MS0552	10	50 ft. (1524 cm) high flow cannula, curved tip, crush-tubing, purple tint

Oxygen Supply Tubing

Model no.	Units/Case	Description
MS4107	50	7 ft. (213 cm) crush-resistant lumen oxygen tubing
MS4121	25	21 ft. (639 cm) crush-resistant lumen oxygen tubing
MS4150	15	50 ft. (1524 cm) crush-resistant lumen oxygen tubing
MS4301	50	oxygen tubing connectors

Humidifier Bottles

Model no.	Units/Case	Description
3260	50	disposable, unfilled humidifier bottle with 500 ml capacity and audible 6 psi pressure-relief valve
MS0481	10	disposable, unfilled high flow humidifier bottle, recommended for use with 10 liter concentrators