SOLO₂®

Flexible oxygen therapy for greater independence

INVACARE

Yes, you can.®

Invacare´s **SOLO₂** gives patients the freedom to be spontaneous and live life to the full. The flexibility to enjoy last minute plans, the freedom to travel light, with confidence and in safety. By adapting to all lifestyles, the **SOLO₂** offers patients the key to a great quality of life - control.

Flexible oxygen delivery via **Sensi-Pulse** and continuous flow makes **SOLO₂** the first choice for providers and covers all patient requirements, from night and ambulatory to stationary treatment.

A solution to suit everyone

With the Invacare **SOLO₂**, providers can treat oxygen patients in all situations. Night efficient treatment is delivered via 6 continuous flow settings (0.5 – 3.0 LPM) whilst 5 generous pulse flow settings provide the supplementary oxygen patients require during ambulation, for maximum autonomy. Designed to be a patient's single source of oxygen, the **SOLO₂** transportable oxygen concentrator features an easy-roll cart as standard and can be powered by AC, DC and rechargeable battery module.

Quietly efficient

Thanks to the innovative air flow path used in **SOLO₂**, users benefit from reduced noise levels of below 40 dB(A). Two silent fans ensure that the compressor is cooled to prolong life and reduce costs associated with product downtime. Invacare's patented power-reducing software reduces maximum consumption to 135W; the **SOLO₂** is another example of our commitment to high quality at an affordable cost. With all filters accessible from outside the cabinet, only minimum maintenance is required thanks to the patient outlet integrated HEPA filter.

First-class performance for total compliance

The **SOLO₂** employs proven and patented technologies to extract the highest possible fraction of oxygen from the surrounding air. The highly responsive and market-established **Sensi-Pulse** conserver delivers the oxygen early in the patients' respiratory cycle to ensure maximum efficiency and comfort.

Features and options

Pulse and continuous flow

All the flow settings you need to satisfy each patient. Continuous flow for treatment even at night and pulse flow for maximum ambulation.

FAA Compliant

Approved for use on board commercial aircraft.

Features and options

Intuitive interface

The integrated hour meter allows you to monitor patient compliance.

1533371-TPO110

Additional rechargeable battery module

1533371-TP0120

Easy Roll Cart with adjustable handle

1533371-TP0170

Humidifier Kit

Battery-powered autonomy

Power the *SOLO2* from AC, DC or the easily removable battery module for maximum independence and increased autonomy.

TPO115-EU External battery charger

A compact battery charger that will allow you to charge the *SOLO2* battery independently. Charging time: 5 hours.

Mobile-friendly design

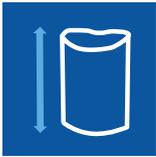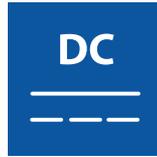The easy-roll cart with large wheels and adjustable handle means the *SOLO₂* is never far behind.

New patient-outlet HEPA filter

New HEPA brass filter, accessible without opening the casing. No tools needed for attachment/detachment. Including a brass firebreak, compliant with ISO norm 8359/AMD1.

Technical data

For more comprehensive pre-sales information about this product, including the product's user manual, please refer to your local Invacare website.

	Height	Width	Length	Weight	AC Charger	DC Charger	Power consumption
SOLO₂	420 mm	280 mm	200 mm	9 kg (without cart)	100-240 VAC, 50/60 Hz	11-16 VDC	135 W

	FAA	Altitude	Pulse dose delivery	Sound level	O2 purity	Nasal cannula length	ISO Compliant
SOLO₂	FAA compliant	Up to 3046m (10,000 ft) above sea level	3 LPM on AC and Battery module 2 LPM on DC	<40 dB(A) for all pulse flow settings <40 dB(A) up to 2 lpm continuous flow	87% - 96%	2100 mm	ISO 8359/AMD1

	Outlet pressure	Water
SOLO₂	12 psig maximum	IPX2 - protection from dripping water when tilted up to 15°

Sensi-Pulse

Sensi-Pulse oxygen delivery

Sensi-Pulse technology provides **constant minute-volume** oxygen to mimic the natural breath. This means that regardless of a patient's breath rate at any given setting, the same amount of oxygen is delivered. As the breath rate decreases, the bolus size increases. The **highly sensitive trigger** requires only **-0.20 cm** H_2O of patient effort to activate the pulse. A generous volume is then delivered early in the patient breath to ensure maximum patient comfort and clinical efficiency.

Setting	1	2	3	4	5
Minute Volume (cc)	400	800	1200	1600	2000
Battery autonomy (hours)	4.5	3.5	3	2.5	2.5

Continuous flow					
Setting (LPM)	0.5	1	1.5	2	2.5	3
Battery autonomy (hours)	4.5	3.5	3	2.5	2	1.5

SensO₂-System

	O2-concentration
🟢	higher than 85%
	- green light -
	Normal
🟡	between 73% and 85%
	- yellow light -
	Check filter and flow rate
🔴	lower than 73%
	- red light & audible alarm -
	Call service technician

Scan here to access the website
http://oxygen-therapy.net/en/

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