

Platinum[®] Mobile



Breathe and Move



Platinum Mobile key benefits

Patients' needs have been the key focus at every stage of the **Platinum Mobile** design, leading to:

- ▶ **Durability** for intensive use
- ▶ **Clinically efficient** Sensi-Pulse technology
- ▶ A **simple, intuitive** interface
- ▶ Increased **serviceability** to reduce cost and time

The **Platinum Mobile** concentrator was built to be the best oxygen partner for more active chronic respiratory insufficiency patients, but also to help minimise the risk factors associated with interstitial lung diseases including prior or concomitant oxygen therapy. The **Platinum Mobile** aims to provide a 'breath of new life' through this high quality medical device and, for professionals, the ability to confidently provide a device which has been rigorously tested, is highly robust and easy to maintain.



New



Giving the patient full control with their smartphone

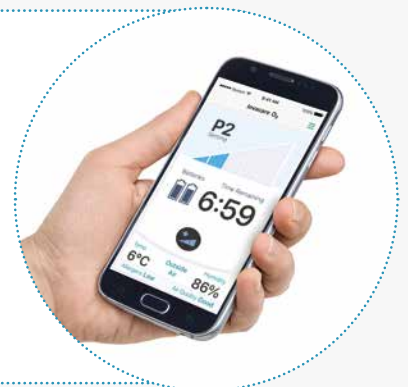
- ▶ Thanks to intuitive new technology, the patient is now able to take full control of their settings while on the move*!
- ▶ Based on the prescription requirements, this unique option allows patients to download the Invacare O2 App and control their Portable oxygen concentrator settings while out and about.

*Dongle is required to use this option via bluetooth.

Platinum Mobile Portable now with **Connectivity**

This smart and easy-to-use duo can help you be confident and stay in control of your day:

- ▶ **Pulse display** - shows the current pulse setting
- ▶ **Pulse Control button** - enables to change the pulse setting from P1 to P5"
- ▶ **Battery level** - shows the number of batteries installed and the charge level
- ▶ **Time remaining** - In h:mm format
- ▶ **Guides & Resources** - User manual & lifestyle communities and videos!



FREE DOWNLOAD

from the Apple App Store
and Google Play Store

MORE

**EXCLUSIVE
FEATURE**



Weather resistant ¹

Against 3 ml/min dripping water for 10 minutes from 4 different angle positions

Design features

- ▶ Downward facing ports and vents
- ▶ Sealed switches
- ▶ Temperature resistant unit
- ▶ Protective carry bag



Durable in varying conditions

Design features

- ▶ Reduced tubing by over 37% ² meaning there is less risk of leaks and humidity absorption
- ▶ Individual seals on batteries and switches



Impact protected

The *Platinum Mobile* is designed to withstand a shock to the unit through design features like:

- ▶ A foam encapsulated compressor
- ▶ Reinforced bumpers
- ▶ Latch free doors for shock dissipation



Serviceability

The *Platinum Mobile* has been designed with serviceability in mind. Its modular construction makes it easy to service thanks to a reduced overall parts count and sub-component level. The design allows easy access for maintenance teams, saving on both scheduled costs and time.



Simple and intuitive

Smart interface

- ▶ Large, clear icons
- ▶ Sealed, easy press buttons
- ▶ Backlit LCD screen to show clear messages

Unique battery design

- ▶ Top load battery for easy access
- ▶ 2 battery compartments
- ▶ Hot swap capability for continuous use
- ▶ Integrated battery indicator

3 in 1 carry bag

- ▶ Convertible to handbag, messenger bag or backpack style
- ▶ Rubber bumper and retainer ring
- ▶ Clearly printed visual aids
- ▶ Air inlet channels



Durability and reliability for real life

► Durability

Durability and reliability are critical elements to patients, clinicians and providers, which is why Invacare has performed the latest tests, conforming to the most stringent standards. Features include Water Resistance, Impact Protection and Durability in Variable Humidity.



► Serenity and Peace of mind

A key objective with the **Platinum Mobile** was to create a simple and easy to use interface to reduce patient anxiety. Clinical evidence has shown that stress and worry can influence the health of COPD patients³, so to avoid comorbidity effects and make the **Platinum Mobile** simple to operate, we have designed an intuitive interface which provides minimal distractions.

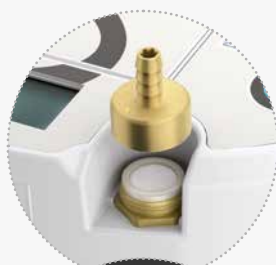
◀ Clinical efficiency

Our advanced **Sensi-Pulse** technology has been designed to mimic the volume delivered by continuous flow delivering only clinically beneficial oxygen at the beginning of inspiration, in turn allowing the maximum opportunity for gas exchange. Also, oxygen sensor monitoring controls oxygen purity for maximum security, resulting in the best clinical efficiency. Visual and audible indicators will occur below 87% oxygen purity.

Efficient trigger sensitivity allows patients to breathe naturally through comfortable nasal single lumen cannula (0.13 cm H₂O at setting 2 at 20 BPM⁴):

Setting	P1	P2	P3	P4	P5
Average pulse volume at 20 BPM	11 ml	22 ml	33 ml	44 ml	50 ml
Average pulse volume at 30 BPM	7.3 ml	14.7 ml	22 ml	29.3 ml	33.3 ml
Minute volume (ml)	220	440	660	880	1000
Battery duration (h min) with 1 battery	5h05min	3h30min	2h20min	1h45min	1h45min
Battery duration (h min) with 2 batteries	10h10min	7h	4h40min	3h30min	3h30min

Times are approximate



◀ Easy maintenance and service

Easy to maintain

- Integrated and easily accessible particle filter
- Easily accessible outlet filter



Easy to clean

- Integrated air intake filter screen to the carry bag
- Wipe or brush the carry bag with a mild liquid dish detergent and water.⁵
- Visual aids

1. IEC 60601-1 3rd Edition Test Standard

2. Compared to XPO2

3. Putman-Casdorph H, McCrone S. Chronic obstructive pulmonary disease, anxiety, and depression: state of the science. Heart Lung 2009;38:34-47

4. BPM (Breath Per Minute)

5. please refer to user manual instructions Section 5.5

See user manual for complete operating conditions and specifications

Key benefits ▾



▲ **Sound level**
A sound level of <math><40\text{ dB(A)}^3</math> gives patients confidence to go to even the quietest of places such as the cinema or library.



▲ **Lightweight**
At only 2.22 kg, the **Platinum Mobile** is compact and lightweight, promoting ambulation.



▲ **Highly portable**
The **Platinum Mobile** comes with an easy-to-clean carry bag and two shoulder straps.



▲ **Enhanced battery life**
The **Platinum Mobile** can operate for up to 5h on a single battery and up to 10h with the addition of a second battery.



▲ **Bright LCD Screen**
A bright, backlit, LCD screen delivers relevant information to patients and, together with the battery indicator, allows them to be confident as to the status of their oxygen supply.



▲ **FAA Compliant**
The **Platinum Mobile** is FAA Compliant and can be used on commercial aircrafts, giving patients greater freedom to choose when and how they want to travel.

Available options and accessories:

- ▶ **3 in 1 Carry Bag**
Convertible and comfortable carry bag can become a stylish messenger bag or a sporty back pack. Reference: POC1-150
- ▶ **Additional Battery**¹
Slides into the additional battery slot to give increased operating time. Reference: POC1-110-GB
- ▶ **AC Power Charger**
Allows patients to charge the unit from any standard AC power supply. Reference: POC1-130-EU
- ▶ **DC Car Charger**
Allows patients to charge the **Platinum Mobile** from most vehicles. Reference: POC1-140
- ▶ **External Charger**¹
Allows patients to travel with the **Platinum Mobile**.²
Reference: POC1-115-GB



1. Sold separately
2. Single external charger without battery is delivered ref: POC1-115
3. At setting 2

Technical data ▼

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

	Total height ▼ 	Total width ▼ 	Total depth ▼ 	Weight ▼ 	AC Charger ▼ 
Platinum Mobile	239 mm	188 mm	94 mm	2.22 kg concentrator 0.45 kg supplemental battery 0.34 kg carry bag	110-240 VAC 50-60 Hz
	DC Charger ▼ 	FAA ▼ 	Pulse dose delivery ▼ 	O2 purity ▼ 	Environmental tolerance ▼ 
Platinum Mobile	11-16 VDC	FAA compliant	Settings 1-5 up to 1000 ml per minute	87% - 95.6%	Concentrator IP22 env.t° from 5°C to 40°C
	Power consumption ▼ 	Sound level ▼ 	Battery charging time ▼ 	Trigger sensitivity ▼ 	Nasal cannula length ▼ 
Platinum Mobile	24W at setting 2	< 40 dB (A) at setting 2	2h20min with 1 battery 4h40min with 2 batteries	0.18 cm H ₂ O average with 0.13 cmH ₂ O at setting 2 at 20 BPM	From 1200 mm to 2100 mm for best efficiency

Product reference: POC1-100C-EU

What is in the box? ▼

- Platinum Mobile Portable Oxygen Concentrator
- Smart Carry Bag
- Messenger Strap
- Backpack Strap
- Lithium Ion Battery Pack
- AC 110-240V Power Adapter
- DC 12V Car Charger
- 1200 mm Cannula
- User Manual



Invacare clinical evidence library ▼

- Cuvelier A, MUIR J-F, CHAKROUN N, ET AL. Refillable oxygen cylinders may be an alternative for ambulatory oxygen therapy in COPD Chest 2002 vol 122(2): 451-456 LEWARSKI J, MIKUS G, ANDREWS G, CHATBURN R.
- A clinical comparison of portable oxygen system: continuous flow compressed gas vs. oxygen concentrator gas delivered with an oxygen conserving device; Respir care 2003 vol. 48(11); 111 TURNBULL J, MCDONNELL L, AC DAVIDSON AC.
- Patient activity levels and oxygen device preference: a randomised-controlled trial comparing Homefill® refillable cylinders with usual ambulatory device Thorax 2012; 67 (suppl 2): A 83 **Clinical evidence on portable oxygen concentrator** COUILLARD A, FORET D, BAREL P, BAJON D. Oxygen therapy by a portable concentrator with a demand valve: a randomised controlled study of its effectiveness in patients with COPD; Rev mal respir. 2010 NOV; 27(9): 1030-8.
- **Clinical evidence on transportable oxygen concentrator** MELLONI B, SAUDER P, FORET D, COUILLARD A, VEALE D. Clinical Effectiveness of SOLO2 Antadir Federation, October 2011.

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Scan here to access
the website
oxygen-therapy.net



Yes, you can.®