



Invacare®

Platinum® Mobile

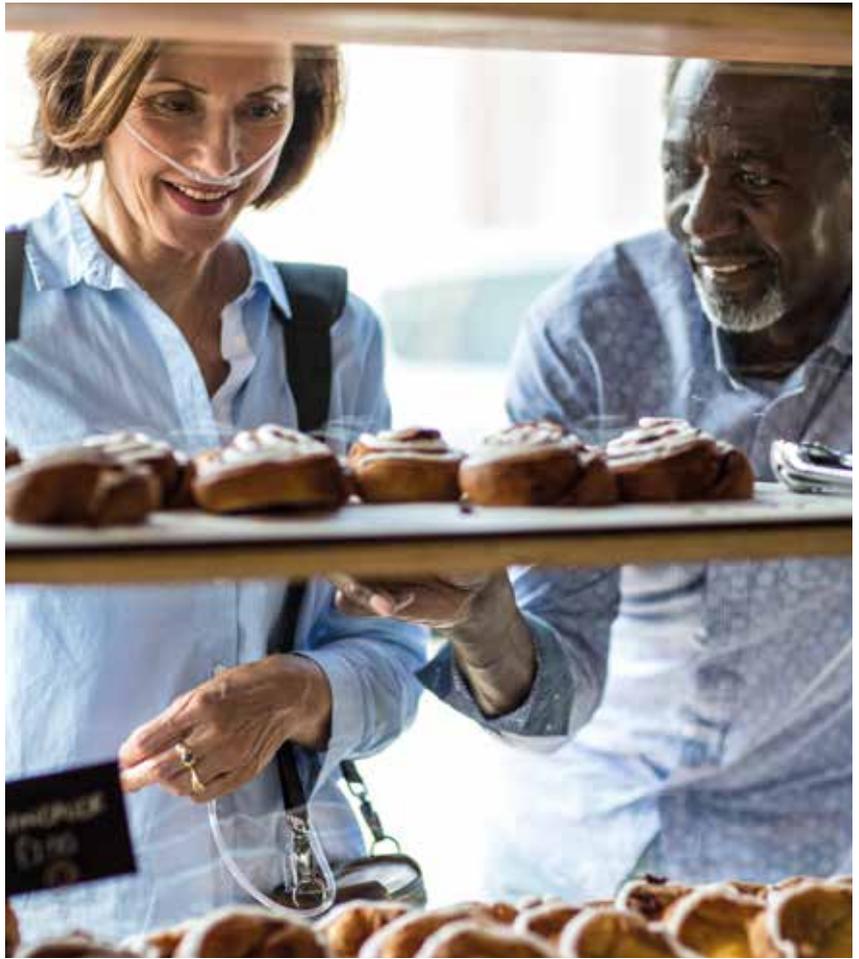
Breathe and Move

Trusted Solutions,
Passionate People



The **Platinum Mobile** is the latest truly portable and elegant oxygen concentrator from the worldwide leader in oxygen therapy for more than 30 years, Invacare.

Since the introduction of Invacare's **HomeFill®** system in the mid-90's, we have been at the forefront of oxygen therapy innovation. Now, with the **Platinum Mobile** concentrator, we are delivering the latest in pulsed flow technology to cover clinical patient needs with 4 individual pulse setting positions. Furthermore the **Platinum Mobile** has been stylishly designed and features an intuitive interface, bringing simplicity and innovation together in a compact, lightweight, quiet and robust package.



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.





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 Variably Humidity. Test results for the **Platinum™ Mobile** showed it is:

Weather resistant

What makes it ideal for changing weather conditions?

Rigorously tested to the latest Water Resistant Standard ¹

Against 3ml/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



Weather conditions resistance

Impact protected

What makes it 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



Impact protected

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



Humidity tested



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 patients ³, so to avoid comorbidity effects and make the Platinum Mobile simple to operate, we have designed an intuitive interface which provides minimal distractions.

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



Simplicity

Clinical efficiency

The **Platinum™ Mobile** is Invacare's most clinically efficient portable oxygen concentrator. 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.

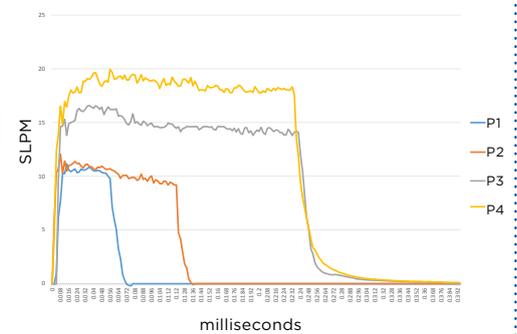
Efficient trigger sensitivity allows patients to breathe naturally through comfortable nasal single lumen cannula (0.13 cmH₂O on Setting 2 at 20 BPM ⁴):

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

Times are approximate



Platinum Mobile bolus activity



Easy maintenance

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.

Easy maintenance and service

Easy to clean

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



Modular design

- Compressor fan
- Sieve beds
- Product tank
- PCBA board



1. IEC 60601-1 3rd Edition Test Standard

2. Compared to XPO2

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

4. BPM (Breaths per Minute)

See owner's manual for complete operating conditions and specifications

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 Battery¹

Slides into the additional battery slot to give increased operating time.

Reference: POC1-110-GB



AC Power Charger DC Car Charger

Allows patients to charge the unit from any standard AC power supply.

Reference: POC1-130-EU

Allows patients to charge the **Platinum Mobile** from most vehicles.

Reference: POC1-140



External Charger¹

Allows patients to travel with the **Platinum™ Mobile** whilst an additional battery is charged at home.²

Reference: POC1-115-GB

Key benefits



Sound level

A sound level of <math><40\text{dBs}</math>³ 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. It has been designed to encourage mobility, travel and independence.



Highly portable

In addition to the lightweight design, the **Platinum Mobile** comes with an easy-to-clean carry bag and two shoulder straps.

Use a single strap for carrying over the shoulder or dual strap to carry as a back pack.



Enhanced battery life

The **Platinum Mobile** can operate for up to 5hrs on a single battery and up to 10hrs with the addition of a second battery.³



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.



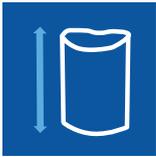
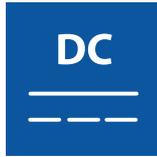
FAA Compliant

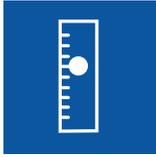
The **Platinum Mobile** is FAA Compliant and can be used on commercial aircrafts, giving patients greater freedom to choose when and how they want to travel.

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

Technical data

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

	Total height	Total width	Total depth	Weight	AC Charger	DC Charger	FAA
Platinum™ Mobile	 239 mm	 188 mm	 94 mm	 2.22 kg concentrator 0.45 kg supplemental battery 0.34 kg carry bag	 100-240 VAC 50-60 Hz	 11-16 VDC	 FAA compliant

	Pulse dose delivery	O2 purity	Environmental tolerance	Power consumption	Sound level	Battery charging time	Trigger sensitivity
Platinum™ Mobile	 Settings 1-4 Up to 880 ml per minute	 87% - 95.6%	 Concentrator IP22 env.t* from 5°C to 40°C	 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 ≤0.18 cm H ₂ O at Setting 2 at 20 bpm

Nasal cannula length



Platinum™ Mobile
From 1200 mm to 2100 mm for best efficiency

Product reference: POC1-100B-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 / Owners 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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