



## Accura Mobile Nitrogen Cart

### Key Benefits

#### For the tire changer

- Revenue generator for tire stores, workshops, garages and auto dealerships
- Ease of use with simple controls and optimised cycle times
- Fast, safe, accurate and cost effective nitrogen provision
- Low life time costs - long product life with robust design and proven electronics
- Guaranteed accuracy with individual testing
- Low and simple maintenance with excellent diagnostics

#### For the tire user/ fleet manager

- Accurate tire pressures give:-
  - Extended tire life
  - Increased fuel economy
  - Increased safety & reduced tire related incidents

### Key Features

- Electronic pressure preset
- N<sub>2</sub> button with automatic Nitrogen filling and purge cycle
- Standard inflation cycle with start button
- Bespoke software for optimal nitrogen inflation with purge cycle
- AC power with smart battery charger
- Standard nitrogen bottle or direct nitrogen supply
- 6 air outlets allow simultaneous inflation of 6 tires
- Robust, modern and weatherproof design
- Ceramic pressure sensor accuracy  $\pm 0.3$  PSI/0.02bar/2kPa

## Accura Mobile the latest in high performance nitrogen tire inflation.

The Accura Mobile is a compact nitrogen tire inflation cart and is the latest development from PCL's market leading Accura range of tire inflation products. The new nitrogen cart offers the latest in technology and is targeted at exceeding the exacting needs of this increasingly popular service. The Accura Mobile builds on the proven Accura technology, the leading international brand for electronic tire inflation and utilises PCL's 70 years of experience in the tire and petrol forecourt industries. The simple yet robust design allows for effective use in a wide range of environments including tire shops, workshops, car dealerships, transport depots and even racing applications. Easy to use, the unit can be used in conjunction with either an industry standard bottle or direct from a nitrogen generator.

The unit allows the operator to preset the pressure for either a standard inflation top up or an N<sub>2</sub> function for a purge and fill cycle. It is equipped to inflate up to 6 tires simultaneously and is so reliable and accurate that it enables the operator to securely get on with alternative work whilst the tire is inflating, saving time and money. Power to the unit is supplied through an NiMH battery with the smart charger allowing the unit to also run direct if required, increasing flexibility and enhancing portability. The design permits long life between recharges with up to 2 days of average usage before recharge is required. In short the Accura Mobile provides the simplest, fastest and most accurate way for nitrogen providers to deliver a cost effective and flexible service to their customers.

## Technical Data Summary

Dimensions	
Height	1455mm (57.25")
Width	540mm (21.25")
Depth	510mm (20")
Weight	32kg (7.06lbs)
Environmental	
Temperature Range:	
Operating	-20°C to 70°C
Storage	-30°C to 80°C
Humidity Range	Up to 95% RH non-condensing
Electrical Interface	
Voltage	
Nominal	12Vdc
Min	10Vdc
Max	15Vdc
Current	
Typical (idle)	0.05A
Maximum	0.7A
Smart Battery Charger	Universal 90Vac - 240Vac
Pressure measurement	
Accuracy	To ±0.3 PSI/0.02 bar/2kPa
Reading Accuracy	1 PSI/0.1 bar/1kPa
Max Inlet Pressure	232 PSI/16 bar/1600kPa
Max inflation Pressure	145 PSI/10 bar/1000kPa
Inflation Speed	
Inflation flow:	1560 l/min @ 10 bar supply
Compliance	
	CE Conformance
Operational specification	
	Standard inflate to target N2 Purge and Fill cycle Adjustable number of cycles Adjustable over pressure fill Adjustable lower purge pressure limit 30mm backlight LCD Audible and visual end of signal indicators Automatic Zero drift adjustment Conforms to start operation
Optional features	
	Hose length – 4 hoses as standard
	Connector types

### Contact

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