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Innovations

SUNRISE
Instruments Pvt. Ltd.

Nitrogen Tyre Inflation System (1100)

Model Smart N2 Light With built in Digital Automatic Tyre Inflator for using Nitrogen Gas for Inflation of Cars & LCV's Tyres.

Technical Specifications:

Tank Location Of Tank	Built In
Vehicle	Cars & LCVs / Bikes
Digital Tyre Inflator Range	0-- 150 PSI
N2 Output Pressure	30 --- 120 PSI
Nitrogen Storage	70 Liters / 50 Liters
Vacuum Device	Built In
Display Model	1" LCD Types
Nitrogen Producing Speed	2500-3500 L/H
Power Supply	220V, 50Hz, 1 Phase
Air Pressure	8-10kg / cm ²
Power Consumption	80 W/H
Dimension (in mm)	1320.8 (H) x 609 (L) x 406.4(W)
Wireless Remote	Optional
Auto Shut Off	Built In.

Nitrogen Tyre Inflation System (2010)

Model Smart N2 Heavy (PSA Technology) With built in Digital Automatic Tyre Inflator for HMV Tyres.

Technical Specifications:

Air Pressure	10- 12 kg/cm ²
N2 Output Pressure	10 kg/cm ²
N2 Purity	95%-99%
N2 capacity	12m ³ /Hr
Nitrogen Producing Speed	10000- 12000L/H
Display Model	1" LCD Types
Inlet Port	½" BSP
Outlet Port	½" BSP
N2 Purity Port	Optional
Auto Shut Off	Optional
Pre Filters	2 (Air & Oil)
N2 Outlet Pressure Gauge	Available
Wireless Remote	Optional
Storage Tank Location	External (Out Side)



Benefits of Nitrogen Tyre Inflation :

- Enhanced safety.
- Reduction in fuel consumption.
- Extended tyre life.
- Slow chemical aging & oxidation elimination.
- Low tyre failure & better grip on the road & reliability.
- Better tyre pressure retention.
- Improved retreadability & stronger casings.

Technical Information :

- Nitrogen is less chemically reactive than compressed air.
- Nitrogen is less sensitive to temperature variation.
- Hence it can keep the best tyre pressure for a much longer time