


**Technical Specifications of Nitrogen Tyre Inflation.**

1.	<p><b>Nitrogen Tyre Inflation System (1100)</b>          Model <b>Smart N<sub>2</sub> Light</b> With <b>built in Digital Automatic Tyre Inflator</b> for using Nitrogen Gas for Inflation of Tyres.</p> <p><b>Technical Specifications:</b></p>				
	<p>Tank Location Of Tank</p> <p>Vehicle</p> <p>Digital Tyre Inflator Range</p> <p>N<sub>2</sub> Output Pressure</p> <p>Nitrogen Storage</p> <p>Vacuum Device</p> <p>Display Model</p> <p>Nitrogen Producing Speed</p> <p>Power Supply</p> <p>Air Pressure</p> <p>Power Consumption</p> <p>Dimension (in mm)</p>	<p>Built In</p> <p>Cars &amp; LCVs</p> <p>0-- 150 PSI</p> <p>30 --- 120 PSI</p> <p>70 Liters</p> <p>Built In</p> <p>Simulative N<sub>2</sub>Purity System</p> <p>2500-3500 L/H</p> <p>220V,50Hz,1 Phase</p> <p>8-10kg/ cm<sup>2</sup></p> <p>80 W/H</p>			

**1. Nitrogen Tyre Inflation System (2010)**

Model **Smart N<sub>2</sub> Heavy (PSA Technology)** With **built in Digital Automatic Tyre Inflator** for OTR Tyres inflation.

Technical Specifications :

Air Pressure : 10- 12 kg/cm<sup>2</sup>

N2 Output Pressure : 10 kg/cm<sup>2</sup>

N2 Purity : 95%-99%

N2 capacity : 12m3/Hr

Nitrogen Producing Speed : 10000- 12000L/H

Display Model : Simulative N2 Purity System

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

Storage Tank : With 250ltrs. External storage tank.




## Digital Automatic Tyre Inflator


<p>1. <b>Digital Automatic Tyre Inflator</b></p> <p><b><u>WALL MOUNTING TYPE</u></b></p> <p>Model <b>Smart Air 076</b> with Microprocessor based automatic air pressure controller with solenoid controlled nozzle for inflation deflation functions.</p> <p><b><u>Technical Specifications :</u></b></p> <p><b>Max Input Pressure: 145 Psi /10 bar /10.2kg /cm<sup>2</sup> for continuous duty.</b></p> <p><b>Max Over Pressure : 185 psi /12.7 bar / 13 kg /cm<sup>2</sup></b></p> <p><b>Pressure Setting Range :3-150 psi(0.2-10.3 bar 0.2-10.5 kg /cm<sup>2</sup> )</b></p> <p><b>Maximum Operating Pressure: 145 psi /10 bar /10.2 kg /cm<sup>2</sup></b></p> <p><b>Resolution : 1 psi</b></p> <p><b>Inflation / deflation accuracy : +/- 0.5% of Full Scale</b></p> <p><b>Sensor : Ceramic-based solid state sensor</b> <b>Sensor Range: 1450 psi /10 bar /10.2 kg /cm<sup>2</sup></b></p> <p><b>Sensor Accuracy :+/- 0.5% of Full scale</b></p> <p><b>Display : 2Nos. Backlit 1" LCDs, each with digit and one each for 'DESIRED PRESSURE' and 'ACTUAL TYRE PRESSURE'</b></p> <p><b>Power requirements : 25VA at 230V +/- 10 %, 50Hz +/- 5% single phase AC mains</b></p> <p><b>Protection Class: IP-65 (Water and dust proof)</b></p> <p><b>Dimensions (in mm):</b></p> <p><b>Weight Net : 5.5 Kg approx (Without house)</b></p>	
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	<p><b>Weight (packed):7.0 kg approx. (With house)</b></p> <p><b>Wireless Remote: (Optional)</b></p>	
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**Quotation for Automatic Tyre Inflator**

Sr. No.	Description Of Material	Qty	Price/Unit (INR)	Amount (INR)
1.	<p><b>Digital Automatic Tyre Inflator WITH HPCL PANEL</b>            Model <b>Smart Air 076</b> with Microprocessor based automatic air pressure controller with solenoid controlled nozzle for inflation deflation functions.</p> <p><b><u>Technical Specifications :</u></b>  <b>Air Supply</b> : 150 PSI Maximum, Operating Pressure  <b>Power Requirements</b> : 230V +/- 10%  <b>Accuracy</b> : +/-0.5%  <b>Resolution</b> : +/- 1 PSI  <b>Weight</b> : 5 kg ( Approx )  <b>Power Consumption</b> : 60W</p>	01		
				

Quotation for Automatic Tyre Inflator

Sr. No.	Description Of Material	Qty	Price/Unit (INR)	Amount (INR)
2.	<p><b>Digital Automatic Tyre Inflator</b>  <b><u>WITH BPCL PANEL</u></b></p> <p>Model <b>Smart Air 076</b> with Microprocessor based automatic air pressure controller with solenoid controlled nozzle for inflation deflation functions.</p> <p><b><u>Technical Specifications :</u></b></p> <p><b>Air Supply : 150 PSI Maximum, Operating Pressure</b></p> <p><b>Power Requirements : 230V +/- 10%</b></p> <p><b>Accuracy : +/-0.5%</b></p> <p><b>Resolution : +/- 1 PSI</b></p> <p><b>Weight : 5 kg ( Approx )</b></p> <p><b>Power Consumption : 60W</b></p>			
				

Quotation for Automatic Tyre Inflator

Sr. No.	Description Of Material	Qty	Price/Unit (INR)	Amount (INR)
1.	<p><b>Digital Automatic Tire Inflator</b></p> <p><b><u>WITH IOCL PANEL</u></b></p> <p>Model <b>Smart Air 076</b> with Microprocessor based automatic air pressure controller with solenoid controlled nozzle for inflation deflation functions.</p> <p><b><u>Technical Specifications :</u></b></p> <p><b>Air Supply : 150 PSI Maximum, Operating Pressure</b></p> <p><b>Power Requirements : 230V +/- 10%</b></p> <p><b>Accuracy : +/-0.5%</b></p> <p><b>Resolution : +/- 1 PSI</b></p> <p><b>Weight : 5 kg ( Approx )</b></p> <p><b>Power Consumption : 60W</b></p>			
				

Quotation for Digital Automatic Tyre Inflator

Sr. No.	Description Of Material	
1.	<p><b>Digital Automatic Tyre Inflator</b> <b><u>WITH ESSAR PANEL</u></b></p> <p>Model <b>Smart Air 076</b> with Microprocessor based automatic air pressure controller with solenoid controlled nozzle for inflation deflation functions.</p> <p><b><u>Technical Specifications :</u></b></p> <p><b>Air Supply</b> : 150 PSI Maximum, Operating Pressure</p> <p><b>Power Requirements</b> : 230V +/- 10%</p> <p><b>Accuracy</b> : +/-0.5%</p> <p><b>Resolution</b> : +/- 1 PSI</p> <p><b>Weight</b> : 5 kg ( Approx )</p> <p><b>Power Consumption</b> : 60W</p>	