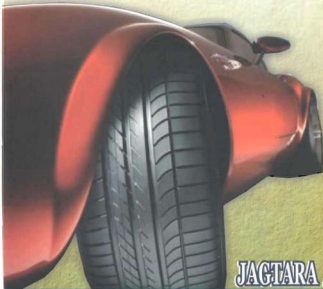




Our Destiny, Customer Satisfaction
Always on Quality Service



JAGTARA AUTOMATION TECHNOLOGIES

JAT is a Digital Tyre Inflator Manufacturer Company that is committed to inventing Digital Air instruments.

JAT's Automatic Inflator is a microprocessor based system, using latest embedded technology with inflation and deflation function. It is fully automatic and safe device to inflate tyres accurately to a preset Pressure. The unit is designed to use minimum compressed air thereby avoiding wastage of compressed air. The system is absolutely weather proof, robust and elegant in design. As most of the modern vehicles are fitted with state of the art suspension system. Accurate tyre pressure is important to get excellent performance. JAT Automatic Tyre Inflator gives the required accuracy.

JAT deal in manufacturing of digital tyre inflators and automatic tyre inflators to our clients. These automated machines are turned out by our skilled personnel conforming to the highest standards of quality. It makes them deliver unmatched performance efficiency. We can also manufacture these tyre inflators in accordance with the exact requirements of our clients.

Our esteemed customers will be the 3 oil majors, Company i.e. Bharat Petroleum, Hindustan Petroleum & Indian Oil, besides automobile giants such as M&M, Ashok Leyland, TVS Motors, Volvo Wagon, Hyundai, GSRTC etc. Tyre manufacturers such as Bridgestone CEAT Tyres, MRF, Apollo, etc.

JAT has manufacturing facilities at Ahmedabad, Gujarat.



IOCL

Stand



HPCL

Stand



BPCL

Stand

Why us..

We boast of our undisputed, eminent status in the electronics engineering industry and our patrons prefer our products because of the following valuable reasons :

- Our instruments and systems are highly accurate and useful
- All our products can be easy to install
- Our products are offered with impact resistant.
- Our electronic devices can with stand harsh weather conditions
- Customization of products as per the clients' specifications
- We assure prompt delivery
- Effective & Unbeatable after sale services.



Machin Features :

- Uniq facility of wireless remote control for operator easyness.
- Full compressive numerical keypad on the m/c for minimum touch.
- Maximum protection to pressure sensor by enabeling air filter technologies.
- Inflates/deflates tyre as per the preset pressure.
- The need to measure the pressure is totally eliminated.
- Solenoid valves ensure no wastage of air.
- Highly visible LED display of set pressure and tyre pressure.
- All function can be set through wire less remote control (Complimentary)
- Easy to install and maintain.
- Recommended pressure for popular vehicles displayed.
- Accurate tyre pressure not only ensures proper grip of the road, but also extends the life of your tyre.

Key Benefits

For the operator

- Consistent cost-effective proposition of high levels of safe air inflation services
- Low life time costs - long product life with robust design and proven electronics
- Low and simple maintenance
- Simplicity

Accurate tyre pressures gives :-

- Extend tyre life
- Increase fuel economy
- Increase safety & reduce tyre related incidents.

Applications of JAT - DV5811

- Retail outlets of oil companies
- Gas stations
- Transporter companies
- Two wheeler/Four wheeler service stations
- Tyre shops
- Tyre retreading shops
- Wheel balancing shops
- Residential societies
- Multi storied buildings
- Star rated hotels

Our Aim

The primary aim of our organization is to deliver optimum satisfaction to our clients & developing a fruitful, mutual relationship with them. We manufacture these products in proximity with the highest quality standards & specifications of our clients. This in turn also assists us in creating a long-lasting, Ethical & beneficial relations with our Customers.

TECHNICAL SPECIFICATION

Power requirements

25VA at 230V $\pm$ 10%, 50Hz $\pm$ 5%
single phase AC mains

Dimension (mm)

203 (W) $\times$ 254 (H) $\times$ 127 (D) (Approx)

Weight net

6.0 kg approx. (Without hose)

Weight (packed)

7.7 kg approx. (With hose)

Display

2 Nos. 1" 7 Segment LED Display Each with 3 Digit one each for 'DESIRED PRESSURE' and second for 'ACTUAL TYRE PRESSURE'

Sensor

Ceramic-based solid State sensor

Sensor Range

145 psi / 10 bar / 10.2 kg / cm / 1000 kpa

Sensor Accuracy

$\pm$ 0.5% of Full scale

Zero Drift

Nil. Automatically corrected by A / D converter

Burst pressure

435 psi / 30 bar / 30.6 kg / cm / 3000 kpa

Over Pressure

290 psi / 20 bar / 20.4 kg / cm / 2000 kpa

Inflation / deflation accuracy

$\pm$ 0.5% of Full Scale

Resolution

1 psi / 0.1 bar / 0.1 kg / cm / 10kpa

Maximum Operating Pressure

145 psi / 10 bar / 10.2 kg / cm / 1000kpa

Pressure Setting Range

1- 150 psi (0.1 - 10.3 bar / 0.1 - 10.5 kg / cm / 20 to 1030 kpa)

Max Over Pressure

185 psi / 12.75 bar / 13 kg / cm / 1275 kpa

Max Input Pressure

145 psi / 10 bar / 10.2 kg / cm / 1000 kpa
for continuous duty

JAGTARA AUTOMATION TECHNOLOGIES

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