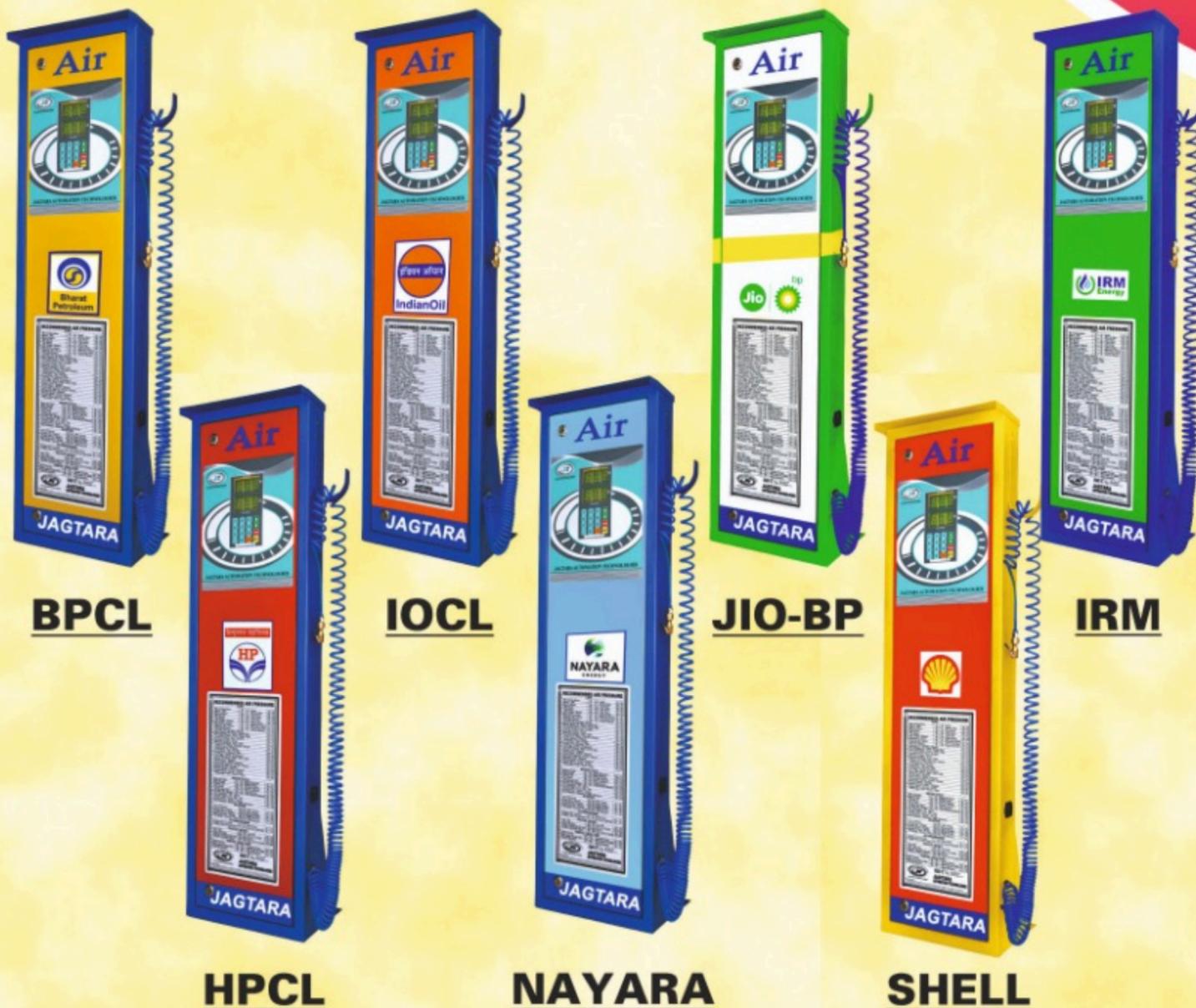




## Jagtara's is a Digital Tyre Inflator Manufacturer Company that is committed to inventing Digital Air instruments

Jagtara's Automatic Inflator is a microprocessor based system, using latest embedded technology with inflation and deflations faction. 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. Jagtara's Automatic Tyre Inflator gives the required accuracy.



### Our Destiny, Customer Satisfaction Always on Quality Service

Jagtara's deal in manufacturing of digital tyre inflators and automatic tyre inflators to our clients. Those automated machines are turned out by our skilled personal conforming to the highest standards of quality. It makes them deliever unmatched performance efficiency. We can also manufacture these type inflators in accordance with the exact requirements of our clients.

An ISO 9001-2015 Certified Company

# JAGTARA AUTOMATION TECHNOLOGIES



An ISO 9001-2008 Certified Company

## Machine Feature

- Unique 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 enabling 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 ensure no wastage of air.
- 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.

## Air Compressor Units:



MODEL	Motor HP	No.of Cylinders	Piston Displacement cm	Maximum Pressure Psig kg/cm2g	AIR Receiver (Itrs)
AG 03	3	2	11.25	175 12.3	150/225
AG 5	5	2	17.32	175 12.3	225/300

# TECHNICAL SPECIFICATION

### Power requirements

25 VA at 230V + 10%, 50Hz + 5%  
single phace AC mains

### Dimension (inmm)

203 (W) + 254 (H) + 127 (D) (Approx)

### Weight net

6.0 kg approx (Without hose)

### Weight (packed)

7.7 kg approx. (with hose)

### Display

2 Noz. 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

### Sensor Accuracy

+ 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

+0.5% of Full Scale

### Resolution

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

### Maximum Operating Pressure

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

### Pressure Setting Range

1-150 psi (0.1 - 10.3 bar / 0.01-10.5 kg / cm / 20 to 1030 kpa)

### Max Over Pressure

185 psi / 12.25 bar / 13 kg / cm / 127.5 kpa

### Max Input Pressure

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

An ISO 9001-2015 Certified Company

## JAGTARA AUTOMATION TECHNOLOGIES

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