

## AIR MANAGEMENT SOLUTIONS


we provide smart air management products that help you to improve the performance and efficiency of your Compressed air systems, Vacuum & Inert gases.

### Services We Offer

- Air Quality Assessment under ISO 8573-1 Standard
- Measurement, recording and quantification of air leaks
- Compressor efficiency measurement


### Flow Meter

Measure and monitor your **compressed air and inert gases** with accuracy using our high-performance flow meters. Available in three variants:




#### Flow Meter Universal

- Measuring flow range : 3.5 to 28500 cfm
- Max operating pressure : 50 bar
- Suitable pipe sizes : G1/4 to 12"
- Analog output, RS 485 for monitoring flow rate
- Accuracy:  $\pm 1.5\%$  of measured value and  $\pm 0.3\%$  of full span or less
- Medium: Air & Gases
- Optional: Pressure measurement



#### Flow Meter Compact

- Measuring flow range: 250 to 3000 lpm
- Max operating pressure : 8 bar
- Sizes : G1/4", G1/2", G3/4"
- Analog output, RS 485 for monitoring flow rate
- Accuracy:  $\pm 4\%$  of full span or less
- Repeatability:  $\pm 1\%$  of full span or less
- Two line LCD for monitoring flow rate and total value



#### Flow Meter Mini

- Measuring flow range: 0.5 to 2000 lpm
- Max operating pressure : 8 bar
- Sizes : Ø6 & Ø8 OTF and G1/4", G1/2"
- Analog output, RS485 for monitoring flow rate
- Accuracy:  $\pm 3\%$  of full span or less
- Repeatability:  $\pm 1\%$  of full span or less
- Optional: Pressure measurement

### Applications

- Nitrogen consumption measurement in the food industry
- Food gas measurement
- Efficiency-FAD analysis for compressors
- Thermal mass flow sensors in waste water treatment
- Compressed air for packaging
- Consumption sensor for flow measurement of oxygen

### Used in Following Gases

- Compressed air
- Carbon dioxide (CO<sub>2</sub>)
- Nitrous oxide (N<sub>2</sub>O)
- Oxygen (O<sub>2</sub>)
- Propane (C<sub>3</sub>H<sub>8</sub>)
- Argon (Ar)
- Natural / Biogas
- Helium (He)
- Methane (CH<sub>4</sub>)
- Nitrogen (N<sub>2</sub>)
- Hydrogen (H<sub>2</sub>)
- Vacuum

## Compressed Air Leak Detector

- Exclusive laser distance measurement for automatic cost calculation & Integrated camera to take pictures of leaks
- It shows the size of your leak (liters / minute) and the potential savings (cost / year)
- Identify leaks from 0.1 liters / minute at long distance
- Automatically adapts sensitivity to the environment and reliably eliminates noise
- Enter the data on the ground: define the location of the leak, the repair measures and the spare parts
- Allows you to create reports for ISO 50001 standard
- Transmits the details of the leak via USB.
- Allows continuous Service for 9 hours

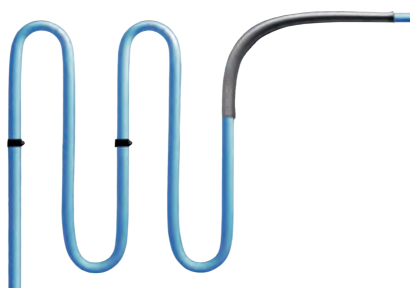


## Online Monitoring System

- Used for data collection of Flow, Pressure, Temperature, Dew Point Temperature.
- Report can be seen from anywhere by Cloud Storage
- Master/Slave device for Data communication with Server
- Configuration of e-mail, SMS Alert and Mobile application available.



## Air Pipeline Solutions



- Max working pressure : 16 bar
- Size: Ø16 to 50mm
- Working temperature range: -20° to 60°C
- Flexible & Minimum use of Elbows
- Easy & Quick installation and light weight

### Composite HDPE Pipe



### Rigid Aluminium Pipe



Lugged ring clamping style connection

- Max working pressure : 16 bar
- Size: Ø20 to 200mm
- Working temperature range: -20° to 80°C
- Suitable for compressed air, Vacuum & Inert Gases.
- Corrosion Resistance, Fireproof
- Suitable for outdoor applications.

## JANATICS INDIA PRIVATE LIMITED

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