

Aapsee Controls & Systems Pvt Ltd

COMPANY PROFILE

A Private Limited company engaged in the designing and manufacturing of Leak, Flow & Process Control Equipments.

OBJECTIVE

The prime objective is to create comprehensive solutions for Leak, Flow Applications.

Providing a package best suited to the end-user's needs.

Continuous up gradation in the technology should ensure value for money to the end-user.

TEAM

The company work force consists of a Team of Techno-Commercial Professionals having more than 15 years of experience in the Field of Leak/ Flow Testing applications, Designing and Manufacturing Special Purpose Machines, Marketing and Supporting Capital Equipments.

ACFS

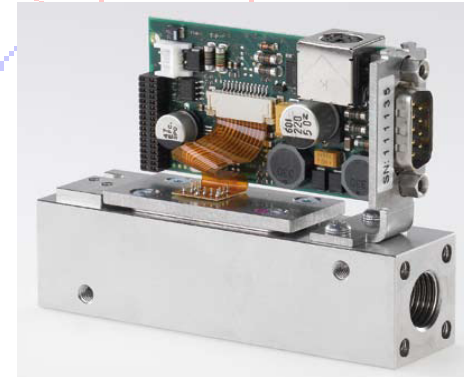
(Air to Air)

(Leak Testing Equipment)



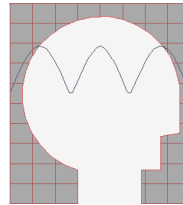
PRINCIPLE OF OPERATION

Mass Flow Sensor



The Mass Flow Sensor measures the flow across it, Ambient Pressure and the Temperature giving the True flow in terms of SCCM, SSCS, SCCH. Wetted material compatible for 16 Non-Corrosive gases.

Manufactured & Marketed By:



Aapsee Controls & Systems Pvt Ltd

LAMINA

Plot: 27, Survey: 260, Hissa: 1A/1/1,

Lohegaon, PUNE – 411032.

Phone (91) 20 65109034-37

Tel/ Fax (91) 20 64001017

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APPLICATIONS

INDUSTRIAL SEGMENTS

We provide solutions using the ACFS units in following Industrial Segments:

- 1. AUTOMOTIVE:** - Applications include: Assembly - Engine, Cy Head, Transmission, Components: Cy Head, Cy Block, Head Lamp, ASV, Brake Pipes, Castings, Fuel Filter, Axles etc.
- 2. MEDICAL:** - Applications include: Blood Bags, Urine Bags, IV Cannula, 3 Way Cock, Disposable Syringes etc.
- 3. PACKAGING:** - Applications include: Empty Bottles – Glass, HDPE, Poly Propylene, Induction sealed Filled Bottles: Child Lock Cap Fitted, Oil Filled, Powder Filled, Jelly Filled etc.
- 4. PHARMACEUTICAL:** - Applications include: Blister Packs, Child Lock Cap Fitted and Induction Sealed Bottles, Ampoules etc.
- 5. GENERAL ENGINEERING:** - Applications include: Valve Sealing Systems, Liquid Pumps, Wrist Watch Movements, Liquid Valves etc.

Tech. Specifications

SENSOR:

1. Accuracy: - 0.5%
2. Repeatability: - 0.5%
3. Op. Range: - 0 – 100%
4. Response Time: - 5 m sec.
5. Op. Temp: - -10 – 50 °C
6. Op. Pressure: - Vac – 8 Bar.
7. Position: - Insensitive
8. Warm up Time: - < 100 m. sec
9. Humidity: - 0-100%
10. Zero Shift: - 0.02%
11. Span Shift: - 0.02%
12. Flow Ranges:-
 - a. 0-0.5CCM to 0-50CCM
 - b. >50CCM to 0-20LPM
 - c. >20LPM to 0-250LPM
 - d. >250LPM to 1500LPM

EQUIPMENT

1. Display: - Graphic LCD
2. Password: - 1 Level
3. Channels: - 4 Std
4. Data O/p: - RS 232/ 485
5. Parameter Control: - Password
6. Data Retention: 1000 Tests
7. Remote Operation: - Possible

OPTIONS

1. I/O Control:- 4 to 10 Level
2. SPC Software:- Access Backend
3. Excess Channels: - Upto 32
4. Sequential Test: - Possible
5. Marking: - BT/GP
6. Multi-Comp: - 2,3,4
7. Temp. Comp.: - Possible
8. Display: - Touch Screen