



AMAR GASES INSTRUMENTATION

Accurex Digital Flow Meter

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HAND HELD



PANEL MOUNT

ACCUREX DIGITAL AIR FLOW METERS

Accurex Digital Air Flow Meter is a compact lightweight yet packed with features digital air flow meter.

Accurate flow measurement is of tremendous importance when it comes to applications such as Gas Flow Measurement, Gas Sampling, Various Industrial and Pharmaceutical applications.

In Accurex Digital Flow Meter the manual observation is completely redefined since all the data is presented to the user in the form of digits and letters on the liquid crystal display, Hence having no need for post processing the data after taking readings.



Feature Highlights

QUICK CONNECT FITTINGS



1. AGI Quick Connect Fittings are provided with the flow meter for easy and durable connection.

2. Quick Connect Fittings are compatible with vast variety types of tubes.

3. Thin profile for quick and easy installation on any panel / table-top.

4. Durable power jack for long life and reliable power connection.

SIDE VIEW





5. 32 Character Alphanumeric Liquid Crystal Display for displaying data.

6. Flow and Temperature shown in one screen.

Note : Temperature shown on screen is the internal temperature of instrument and is directly proportional to the gas.

7. Multiple gas flow measurement.*

8. Multiple gas medium flow available through gas selection menu accessible using the select gas button.

Note : Multiple gas flow is available upon request



Technical Specifications

PARAMETER		DETAILS
ACCURACY		± 2% OF FULL SCALE (Max 1% upon request)
DISPLAY		32 CHARACTER ALPHANUMERIC LIQUID CRYSTAL
BUTTONS		AUTOZERO , SELECT GAS
FLOW CONNECTIONS		AGI QUICK CONNECT FITTINGS
POWER		AC 210-250V, 50Hz / INTERNAL BATTERY
DIMENSIONS		160mm x 80mm x 55mm (Panel Mount)
HIGH / NEGATIVE FLOW ERROR INDICATION		ACTIVE BUZZER WITH LED ALONG WITH DIFFERENT ERROR CODES ON LCD AND BUZZER SEQUENCES.

SPECIFICATIONS W.E.F 15 FEB 2023



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Safety

1. The instrument is designed for operation within the consulted operating range.
2. The instrument should only be operated within permitted range for flow, pressure and temperature.
3. The instrument must be protected against mechanical damage, moisture, dirt and dust.
4. Only the media mentioned in the documentation provided along with the instrument are permitted to flow through the instrument.
5. After inserting tubes, perform a tightness and function check.
6. The instrument should be calibrated once every 365 days by AGI.
7. Auto-Zero should be performed only when zero flow is maintained.
8. Power should only be provided with adapter received along with the instrument.



Models

Accurex Digital Flow Meters are available in a wide range of flow measurement units for satisfying the need for every application.

Available in two variants :

1. Panel Mount / Table Top
2. Hand Held

MODEL NAME	FLOW MEASUREMENT RANGE
ACRXDFM-0T0.1 / ACRXDFM-0T0.1HH	1.00 TO 100 cc / Min
ACRXDFM-0T0.5 / ACRXDFM-0T0.5HH	5.00 TO 500 cc / Min
ACRXDFM-0T1 / ACRXDFM-0T1HH	10.00 TO 1000 cc / Min
ACRXDFM-0T3 / ACRXDFM-0T3HH	30.00 cc / Min TO 3 L / Min
ACRXDFM-0T5 / ACRXDFM-0T5HH	50.00 cc / Min TO 5 L / Min
ACRXDFM-0T10 / ACRXDFM-0T10HH	100.00 cc / Min TO 10 L / Min
ACRXDFM-0T20 / ACRXDFM-0T20HH	200.00 cc / Min TO 20 L / Min



ACCESSORIES

Accurex Digital Flow Meters comes along with range of different accessories to provide smooth operation along with avoidance of any discrepancy of data.

Accessories provided:

1. AC to DC Adapter
2. Filter Cartridges
3. Carry bag / Case

