

MPB SERIES F6000 METAL TUBE FLOWMETER

The F6000 Metal Tube Flowmeter has been designed to meet demanding high pressure and corrosive applications in the process control industry. The F6000 Metal Tube Flowmeter is supplied with a highly visible analogue scale. This instrument is manufactured in 1", 2" and 3" flanged ANSI 150 RF and 1" and 2" BSPPF screwed versions.

The TX600 Flow Transmitter version can be supplied where a transmitted output is required (see MPBTB 061). This unit exhibits a retransmittable 4-20 mA output.

For extremely corrosive applications, the MPB Series F5000 may be considered (see MPBTB 102).

All wetted parts on this instrument are manufactured from certified 316 Stainless Steel and can be supplied with fully traceable certificates if required.

The scale plate mounting box is manufactured from polycarbonate with a clear polycarbonate front cover and carries an IP65 rating.



The F6000, whilst having a range of standard flow rates, can be calibrated for almost any liquid or gas. The materials of construction can be selected to assist the designer relating to the process medium.

The F6000 is ideal for high pressure flow indication. Applications can be found in the water, chemical and processing industries.

SERIES F6000 FEATURES

- * 1", 2" AND 3" FLANGED, OR 1" AND 2" SCREWED CONNECTIONS AVAILABLE
- * STAINLESS STEEL CONSTRUCTION
- * HIGHLY VISIBLE ANALGUE DISPLAY WITH POLYCARBONATE COVER
- * 250mm FLANGED LENGTH
- * STANDARD AND CUSTOMISED FLOW SCALES
- * SUITABLE FOR HIGH PRESSURE APPLICATIONS
- * IP65 RATING
- * SUITABLE FOR CORROSIVE APPLICATIONS
- * ROBUST DESIGN
- * MINIMAL MAINTENANCE

F6000 METAL TUBE FLOWMETER

Process Connections:
 1" and 2" BSPPF screwed or
 1", 2 and 3" flanged ANSI 150 RF,
 or to customer specification

Max Working Pressure for Stainless Steel
 Gas and Liquid:

1" - 50 bar g or flange rating
 2" - 65 bar g or flange rating
 3" - 85 bar g or flange rating

Display: Highly visible analogue display

Max Working Temperature:
 120°C

Construction: 316 Stainless Steel

Weight: 3kg (typical)

Accuracy: ±2% FSD predicted

STANDARD RANGES 1"

AIR @ 1013 mbar abs 20°C		WATER @ 20°C	
1000 L/min	60 m ³ /hr	35 L/min	2 m ³ /hr
1500 L/min	90 m ³ /hr	50 L/min	3 m ³ /hr
2500 L/min	150 m ³ /hr	85 L/min	5 m ³ /hr
3500 L/min	200 m ³ /hr	120 L/min	7 m ³ /hr

STANDARD RANGES 2"

AIR @ 1013 mbar abs 20°C		WATER @ 20°C	
1500 L/min	90 m ³ /hr	50 L/min	3 m ³ /hr
2000 L/min	100 m ³ /hr	85 L/min	5 m ³ /hr
5000 L/min	300 m ³ /hr	150 L/min	10 m ³ /hr
6000 L/min	350 m ³ /hr	200 L/min	12 m ³ /hr
7500 L/min	450 m ³ /hr	250 L/min	15 m ³ /hr
9000 L/min	550 m ³ /hr	300 L/min	18 m ³ /hr

STANDARD RANGES 3" (Flanged only)

WATER @ 20°C	
250 L/min	15 m ³ /hr
350 L/min	20 m ³ /hr
400 L/min	25 m ³ /hr
500 L/min	30 m ³ /hr
650 L/min	40 m ³ /hr

Due to the constant development and improvement of products, information may be altered or withdrawn without notice.