

Turbine Flowmeter (MK-TFM Series)

MYKO Electronics Turbine Flow Meters are useful for liquids & gases in general industrial application. They provide excellent performance with quality & reliability. Suitable for as hygienic application. The flowing media engages a vaned rotor causing it to rotate at an angular velocity proportional to flow rate. The pick-off coil senses the spinning motion of the rotor inside the pipe & converts it into a pulsating electrical signal. Summation of the pulsating electrical signal is directly related to the total flow. The frequency is linearly proportional to flow rate which is converted to mA signal by electronic circuitry. Flow rate Indicator/Totalizer/Transmitter and Controllers are available in Local/Remote and Panel Mounted Options. **Design & Calibration Confirms to ISA-RP31.1**



**Product Code :
MK-TFM Series**

Specification

- Fluid : Clear Liquids & Gases
- Viscosity : Up to 40 cp
- Design Pressure : Up to 25 Kg/cm²
- Line Size : 6 NB to 200 NB
- Available Materials : SS304 /SS304L/SS316/
SS316L
- Connection : Flanged to ASA/BS/DIN/
DIN/Triclover
Standard Screwed
to BSP/NPT(M/F)
- Accuracy : ± 1% of FSD &
± 0.5% on request
- Flow Units : M3/H, M3/M, M3/S,
L/H, L/M, L/S, USG/H,
USG/M, USG/S
- Design Temperature : Up to 110°C
- Power supply : 220 VAC/24VDC
- Out Put : 4-20 mA & pulse
- Relay Out Put : Low & High
Flow Alarm
- Flow rate Display : 8 Digit LCD
- Totalizer Display : 10 Digit LCD
- Communication port : RS485(Modbus)
- Lowest velocity : 0.1 m/s

Available Options

With Field Mounted Flow Rate Indicator, Totalizer, 4-20 mA Out Put , Pulse Out Put, Low & High Flow Alarm



Product Code : MK-TFM-FR-TZ-TX-P

With Cooling Jacket Field Mounted Flow Rate Indicator, Totalizer, 4-20 mA Out Put, Pulse Out Put, Low & High Flow Alarm



Product Code : MK-TFM-FR-TZ-TX-CJ

With Field Mounted Flow Rate Indicator, Totalizer, 4-20 mA Out Put, Pulse Out Put, Low & High Flow Alarm



Product Code: MK- TFM-FR-TZ-TX-TC

Battery Operated Turbine Flowmeter with Flow rate Indicator & Totalizer

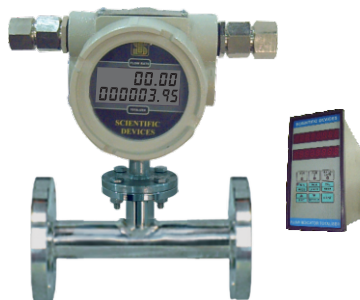


Flow Rate : 5 Digit LCD
Totalizer : 8 Digit LCD
Battery : Lithium ion
Battery Life: 4 Years
Line Size : 6 NB to
200 NB
Accuracy : ±1% of

FSD

Product Code : MK-TFM-FR-TZ-BO

Field & Panel Mounted Flow rate Indicator Totalizer / Batcher & 4-20 mA Retransmission output



**Product Code :
MK-TFM-FR-TZ-TX-SD2001**

Data Communication of Turbine Flowmeter to centralized computers Via GSM/GPRS Modem



Product Code : MK-TFM-FR-TZ-TX-P-GSM

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