



FLOW



Technology Solutions

NSF Electromagnetic Flow Meter

Tek-Flux 1400C



1 FEATURES

- No moving parts provide easy maintenance.
- Coil assembly is hermetically sealed welded construction.
- Integral or remote transmitter.
- Field interchangeable electronics.
- High linearity.
- Absolute zero stability.
- Eliminates Noise.
- High accuracy and reliability.
- Battery Powered Device.
- Meters batching and blending totalization.
- Self-diagnostic functions.

3 APPLICATIONS

- Chemical and Petrochemical
- Fertilizers
- Pharmaceutical
- Food and Drug
- Sugar and Beverage
- Paper and Pulp
- Water and Wastewater
- Dredging
- Mining

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2 SPECIFICATION

Accuracy	±0.5% (Standard); Optional 0.3%	
Measuring Range	0.2 to 12 m/sec Bi-directional	
Repeatability	±0.2% of Span	
Process Pressure	150# ANSI or 300# ANSI Flange	
Process Temperature	Integral: -40 to 250°F (-40 to 120°C) Remote: -40 to 350°F (-40 to 180°C)	
Operating Temperature	-40°F to 131°F (-40°C to 55°C)	
Operating Humidity	5-95% RH non-condensing	
Size	½" to 28" (10mm to 700mm)	
Output	4-20mA, Pulse, HART Modbus RS485	
Power Supply	16 to 60VDC or 80 to 300VAC/VDC	
Protection Class	IP65 (Standard), IP68 (Optional for Flow Tube with Remote Transmitter)	
End Connection	Flange	
Electrode Material	316 SS	
Measuring Tube Material	SS304	
Housing Material	Carbon Steel	
Sensor Lining	Polypropylene	
Display Version	Integral or Remote	
Display Type	16 characters x 2 row LCD, 5 Digit Flow rate and 8 Digit Totalizer	
Units	Flow Rate	Totalizer
	LPS, LPM, LPH, LPD Mlps, Mlpm, Mlph, Mlpd cc/s, cc/m, cc/h, cc/d m³/s, m³/m, m³/h, m³/d kg/s, kg/m, kg/h, kg/d t/s, t/m, t/h, t/d gps, gpm, gph, gpd Mgps, Mgpm, Mgph, Mgpd lgps, lgpm, lgph, lgpd IMgps, IMgpm, IMgph, IMgpd ft³/s, ft³/m, ft³/h, ft³/d lb/s, lb/m, lb/h, lb/d bbl/d, bbl/h, bbl/s	L, Ml, m³ Ml L, Ml, cc, m³ L, Ml, m³ kg, t T G, ft³ Mg lg, ft³ IMg g, lg, ft³ lb bbl
Cable Length	30ft (Standard), Up to 150ft Maximum	
Terminal Connector	18 AWG to 22 AWG wire	