



FLOW
MEASUREMENT SOLUTIONS


ELECTRONET

ELECTROMAGNETIC FLOW METER



ELMAG 100

INSERTION TYPE
ELECTROMAGNETIC FLOW METER

Features

- Insertion type
- Suitable for conductive liquids
- Material of construction in accordance to process parameters
- Local Indication through LCD display
- Universal Power Supply 90 to 250V AC, Optional 24V DC
- Simple & cost effective construction
- Programmable unit conversion
- Communication port
- Inbuilt Relay Status output (High / Low / Batch)



ELMAG 200

MAINS / 24V DC POWERED
ELECTROMAGNETIC FLOW METER

Features

- Universal Power Supply 90 to 250V AC/24V DC/Solar Powered
- Suitable for conductive liquids
- Full bore type
- Empty pipe indication
- Material of construction in accordance to process parameters
- Local Indication through LCD Display
- Inbuilt Relay Status output (High / Low / Batch)
- HART Compatible
- Optional pressure measurement along with flow
- Optional in built pressure measurement



ELMAG 600

BATTERY OPERATED
ELECTROMAGNETIC FLOW METER

Features

- Battery / Solar Powered
- Suitable for conductive liquids
- Full bore type
- Empty pipe indication
- Data Logging facility
- Local Indication through LCD
- Communication port (Optional)
- Simple & Cost Effective Construction
- Maintenance Free



ELMAG TX-22

TWO WIRE
ELECTROMAGNETIC FLOW METER

Features

- Full bore type
- Suitable for conductive liquids
- Two Wire system
- Empty Pipe Indication
- Material option depending upon Process Data
- Local Indication through LCD Display
- Maintenance free
- Simple & Cost Effective Construction



ELECTROMAGNETIC FLOW METER - SWITCH



TS 2000-CP

ELECTROMAGNETIC FLOW METER-SWITCH



**FLANGED
CONNECTION**



**THREADED
CONNECTION**



**SMS UNION
CONNECTION**



**TRI-CLOVER
CONNECTION**

Features

- Compact Flow Meter
- Suitable for Conductive Liquids
- Typical Accuracy of $\pm 0.5\%$ of M.V.
- Protection Class: IP-68
- Suitable for line sizes ranging from 08 NB to 100 NB
- Local LCD Display for Real-time Flow Monitoring
- Robust SS-316 Construction ensure durability and resistance to corrosion
- Potential free relay output (1Amp@24V DC)
- Optional MODBUS RTU Communication

TS 2000-EMF

ELECTROMAGNETIC FLOW METER-SWITCH



Features

- Full bore type Electromagnetic Flow Meter
- Potential free relay output for ON/OFF control
- Suitable for Conductive Liquids
- Empty pipe indication
- Suitable for line sizes ranging from DN 15 to DN 300
- Typical Accuracy of $\pm 0.5\%$ of M.V.
- Protection Class: IP68
- Robust SS-316 Construction ensure durability and resistance to corrosion.

TS 2000-IFM

INSERTION TYPE
ELECTROMAGNETIC
FLOW METER-SWITCH



Features

- Compact Insertion Flowmeter
- Suitable for Conductive Liquids
- No Pipe Cutting or Shutdown Required
- Suitable for line sizes ranging from DN 40 to DN 300
- Typical Accuracy of $\pm 0.5\%$ of F.S.
- Protection Class: IP-68
- Local LCD Display for Real-time Flow Monitoring
- Robust SS-316 Construction ensure durability and resistance to corrosion

ASIONIC 100

**TWO WIRE INLINE
ULTRASONIC FLOW METER**



Features

- Ultrasonic Measurement using Transit Time Technology
- 2 wire system with HART communication
- Full bore type
- Suitable for Conductive and Non Conductive Liquids
- Material option depending upon Process Data
- Local Indication through LCD Display
- Empty Pipe Indication
- Electronic Protection Class : Field Mount Weather Proof IP-67, Flameproof (CMRI IIA IIB Certified)
- Maintenance Free
- Options of Integral and Remote Electronics

ASIONIC 200

**MAINS / 24V DC POWERED INLINE
ULTRASONIC FLOW METER**

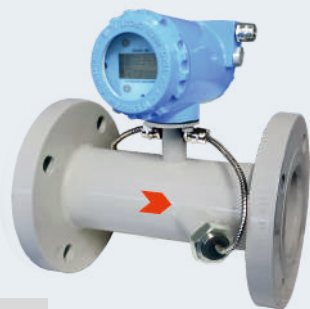


Features

- Ultrasonic Measurement using Transit Time Technology
- EMI / EMC Compliant
- Excellent Long Term Stability and Reliability
- Inline / Hot retractable sensor assembly
- Empty Pipe Indication
- Electronic Protection Class :
Field Mount Weather Proof IP-67,
DIN Standard (IP 54), Flameproof (CMRI IIA IIB Certified)
- No Pressure Drop

ASIONIC 400

**BATTERY OPERATED
ULTRASONIC FLOW METER**

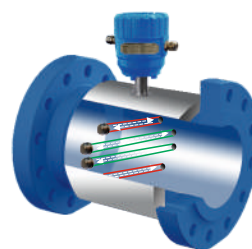


Features

- Ultrasonic Measurement using Transit Time Technology
- Full Bore Type
- Local Indication through LCD Display
- Simple and Cost Effective Construction
- Empty Pipe Indication
- Automatic Meter Reading option over GSM, GPRS & RF
- Electronic Protection Class : Field Mount Weather Proof IP-67, DIN Standard (IP 54), Flameproof (CMRI IIA IIB Certified)
- Leak, Burst and Tamper Detection
- No Pressure Drop

ASIONIC 400-4

**MULTIPATH INSERTION
ULTRASONIC FLOW METER**



Features

- Full bore ultrasonic flow meter for liquid flow measurement
- Transit time sensing technology
- Four path chordal design for optimal linearity and repeatability
- Empty pipe indication and partial flow measurement
- High accuracy +/- 0.2% of measured value
- Negligible pressure drop
- Suitable for clean conductive / non conductive liquids
- Optional Pressure & Temperature measurement
- IOT enabled device
- Wet calibration at ISO17025-2017
NABL (ILAC) ACCREDITED CALIBRATION LABORATORY
- Line size 100 NB to 2000 NB

ASIONIC 200C

CLAMP ON TYPE
ULTRASONIC FLOW METER



Mains Operated

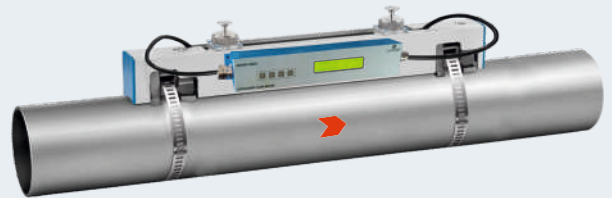
Battery Operated

Features

- Ultrasonic Measurement using Transit Time Technology
- Easy installation, No need to cut pipe or stop flow
- External transducers do not require periodic cleaning
- No pressure drop or energy loss
- Bi-directional flow operation
- Suitable for wide range of pipe diameters
- Portable / fixed Installation options
- Small in size and weight
- Inbuilt data logging
- Line size 50 NB to 2000 NB

ASIONIC 200 CF

CLAMP ON TYPE
ULTRASONIC FLOW METER



Features

- Ultrasonic Measurement using Transit Time Technology
- Easy installation, No need to cut pipe or stop flow
- External transducers do not require periodic cleaning
- No pressure drop or energy loss
- Bi-directional flow operation
- Suitable for wide range of pipe diameters
- Portable / fixed Installation options
- Small in size and weight
- Inbuilt data logging
- Line size 50 NB to 250 NB

TS 2000 UFM

ULTRASONIC FLOW METER-SWITCH

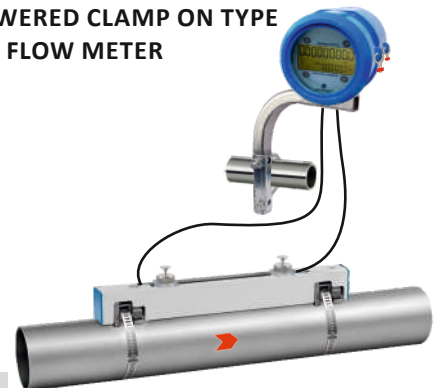


Features

- Ultrasonic Measurement using Transit Time Technology
- Full Bore Type
- Empty pipe indication
- Backlit LCD display
- Durable SS-316 Enclosure offering superior
- IP-68 Protection for reliable operation in harsh and wet environments
- Optional MODBUS RTU Communication & Relay Output

ASIONIC 200 CFB

BATTERY POWERED CLAMP ON TYPE
ULTRASONIC FLOW METER



Features

- Ultrasonic Measurement using Transit Time Technology
- Easy installation, No need to cut pipe or stop flow
- External transducers do not require periodic cleaning
- No pressure drop or energy loss
- Bi-directional flow operation
- Suitable for wide range of pipe diameters
- Portable / fixed Installation options
- Small in size and weight
- Inbuilt data logging

FL 100

**TWO WIRE TURBINE FLOW METER
WITH LCD DISPLAY**



Features

- 2 Wire System
- Simple & Cost Effective Construction
- Local LCD Display
- Suitable for Conductive and Non-Conductive Liquids
- Electronics Protection Class : Weatherproof IP 65, IP 67
- Easy Maintenance

FL 102

TWO WIRE TURBINE FLOW METER



Features

- Simple & Cost Effective Construction
- Provides wide flow ranges
- Suitable for non conductive clear liquids
- Remote display optionally available
- Easy maintenance
- Electronics Protection Class : Weatherproof IP 65 & Flameproof (CMRI IIA IIB Certified)

FL 104

INSERTION TURBINE FLOW METER



Features

- 2 Wire System
- Insertion Type
- Local LCD/LED Display
- Suitable for Conductive and Non-Conductive Liquids
- Electronics Protection Class : Weatherproof IP 67 & Flameproof (CMRI IIA IIB Certified)
- Simple & Cost Effective Construction

FL 106

**BATTERY OPERATED
TURBINE FLOW METER**



Features

- Remote Display optionally available
- Simple & Cost Effective Construction
- 2 to 10 Years Battery Life
- Local LCD Display
- Suitable for Conductive and Non-Conductive Liquids
- Electronics Protection Class : Weatherproof IP 65, IP 67
- Durable & Versatile
- Easy Maintenance

FL 204

**FOUR WIRE TURBINE FLOW METER
WITH LCD DISPLAY**



Features

- 4 wire system
- Simple & Cost Effective Construction
- Suitable for non conductive clear liquids
- LED Display
- Batch / High / Low Relay contact output
- Electronics Protection Class : Weatherproof IP 67 & Flameproof (CMRI IIA IIB Certified)
- Easy Maintenance

TS 2000 TFM

TURBINE FLOW METER-SWITCH



Features

- Backlit LCD display
- Suitable for Conductive and Non-Conductive Liquids
- SS-316 enclosure with high corrosion resistance
- IP-68 protection for harsh environments
- RS-485 (MODBUS RTU) communication
- Optional Relay Output

ORIFICE- PLATE



Features

- Orifice Design as per BS EN ISO 5167
- Range of Orifice Types
 - 1) Concentric Square Edge
 - 2) Quarter Circle
 - 3) Segmental
 - 4) Eccentric
- Available in wide variety of materials
- No moving parts, simple construction
- Suitable for Liquid, Gas & Vapor Application

ORIFICE

PLATE ASSEMBLY



Features

- Orifice Design as per BS EN ISO 5167
- Range of Orifice Assembly Types
 - 1) WNRF
 - 2) SORF
 - 3) RTJ
 - 4) Other on Request
- Available in wide variety of materials
- No moving parts, simple construction
- Suitable for Liquid, Gas & Vapor Application
- Non IBR and IBR Certified Orifice assembly

VENTURI TUBE



Features

- Venturi Design as per BS EN ISO 5167
- Bi & Uni-directional Design available
- Range of Venturi Types
 - 1) Classical Venturi Tubes
 - 2) Venturi Nozzles
- Construction Fabricated / Machined
- Flanged or Weld-In Construction
- Available in wide variety of materials
- No moving parts, simple construction
- Maintenance Free

AFG 20

BATTERY OPERATED AIR/GAS FLOW GAUGE



Features

- Suitable for Compressed Air Applications
- Integral Flow Indicator
- Compact & Cost Effective
- Line Size : 15NB to 50NB
- Zero Tare Facility
- Display Auto Shut Off Facility
- MOC Electronics Enclosure : SS304 / SS316
- Battery Operated
- Reliable and Cost Effective

INTEGRAL ORIFICE

FLOW METER



Features

- Designed to be mounted to the Differential Pressure transmitter directly
- Available from 15 NB to 50 NB Size
- Available in Material : C.S. & S.S.
- Eliminate the three measurement inaccuracies recorded in small orifice line installation
- Eliminate impulse tubing, less leakage points, decrease startup time.

TS 2000 AFM

AIR FLOW METER-SWITCH



Features

- Suitable for Compressed Air Applications
- Integral Flow Indicator, Totaliser, Transmitter
- No External Accessories Required
- Line Size : 15NB to 50NB
- Durable SS-316 Enclosure offering superior corrosion resistance
- IP-68 Protection for reliable operation in harsh and wet environments
- Maintenance Free

BTU 200

INSERTION TYPE ULTRASONIC



Features

- Highly Accurate and Reliable Metering Systems
- Flow meters Calibrated at our in-house NABL Accredited Flow Calibration Facility.
- Precise Temperature Measurement by High Performance Temperature Sensors
- Network Compatible Communication Protocols
- Availability of various Engineering Units for Displaying Measured Parameters
- User Friendly Interface via Display and Keypad
- Simple Installation & Commissioning
- Data Storage & Log View Facility

BTU 200

CLAMP ON TYPE ULTRASONIC



BTU 200 System comprises of:

Insertion Ultrasonic / Clamp on Type Ultrasonic Flow Meter

A set of two Temperature Sensors

BTU Meter (Calculator/Indicator)

NABL ACCREDITED CALIBRATION LABORATORY PRESSURE & FLOW (ISO 17025)



ELECTRONET

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