

# Electromagnetic Flow Meter

## Summary Specification Sheet



EL 2200

### EL 2200 For Industrial Applications

- ♦ Accuracy 0.2% of reading plus zero stability
- ♦ Temperature range -40 to 356°F (liner dependent)
- ♦ Line sizes 1" to 16" (up to 80" available, consult factory)
- ♦ Hastelloy C22 electrodes standard
- ♦ No grounding rings required; grounding electrode eliminates this requirement
- ♦ IP68 protection achieved through sealed electrode & coil assembly provides immunity to humidity & vibration
- ♦ Zero pressure drop
- ♦ Bidirectional flow capability



EL 500

### EL500 For Low Flow Applications (to 0.05 GPM)

- ♦ Accuracy 0.2% of reading plus zero stability
- ♦ Temperature range -4 to 320°F (with remote electronics)
- ♦ Line sizes 1/8", 1/4", 3/8", 1/2", 3/4"
- ♦ Compact design
- ♦ IP68
- ♦ Zero pressure drop
- ♦ Bidirectional flow capability



EL 1100J

### EL 1100J For OEM Applications

- ♦ Compact design
- ♦ Accuracy 0.2% of reading plus zero stability
- ♦ Line sizes 1.5" to 6"
- ♦ Wafer connections
- ♦ No grounding rings required; grounding electrode eliminates this requirement
- ♦ Temperature range 32 to 212°F
- ♦ Display along with digital and analog outputs available



EL 2400

### EL 2400 For Sanitary Applications

- ♦ Accuracy 0.2% of reading plus zero stability
- ♦ Temperature range -40 to 284°F (with remote electronics)
- ♦ Line sizes 1" to 4"
- ♦ Compact stainless steel Triclamp design
- ♦ IP68 protection achieved through sealed electrode & coil assembly provides immunity to humidity & vibration
- ♦ Zero pressure drop
- ♦ Bidirectional flow capability

# Electromagnetic Summary Specification Sheet



## MC608 Transmitter

- ◆ MC608A powered version 12/24 VAC/DC or 90-264 VAC
- ◆ MC608B battery powered version; up to 6 years battery life
- ◆ Built in data logger
- ◆ Large graphics display
- ◆ Automatic meter zeroing
- ◆ Modbus RTU interface on RS485; windows based programming tool
- ◆ Ambient temperature range -4°F to 140°F
- ◆ Active analog output 4-20mA
- ◆ Digital active frequency output 0 to 10KHz
- ◆ Digital pulse output maximum 1000Hz; duty cycle 50% max
- ◆ Bidirectional flow capability



## EL 1222 Insertion Mag

- ◆ For line sizes 1.5" to 60"
- ◆ Adjustable for multiple line sizes
- ◆ "Hot tap" installation
- ◆ No pressure drop
- ◆ Bidirectional capability
- ◆ Remote & integral electronics
- ◆ AC/DC or battery powered available

## Primary Gravimetric Mass Calibrator



FTI offers a full range of calibration services. For optimum performance all flow meters should be recalibrated on a regular basis. Flow Technology's NVLAP accredited world class calibration facility is capable of calibrating all types of flow meters (Electromagnetic, Turbine, Coriolis, PD, Vortex, etc). Calibration fluids include air, water, solvent and oil blend.



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