

The new FPI Mag Flow Meter is the industry's only hot-tappable, multi-electrode full profile insertion flow meter, combining ease of installation with superior measurement similar to a full-bore meter.

The FPI Mag Flow Meter from McCrometer installs without interrupting service, de-watering lines, cutting pipe or welding flanges. Installation costs are reduced by eliminating the need for heavy equipment or extensive manpower. The FPI Mag is the industry's most economical flow metering solution for large pipe sizes, reducing installed costs by more than 45 percent.

The enhanced design of the new FPI Mag Flow Meter features additional sensing electrodes across the entire pipe diameter for increased sensitivity and is now packaged in a heavy-duty 316 stainless steel sensor body for maximum structural integrity. The sensor is coated with a NSF certified 3M fusion-bonded epoxy coating for operational longevity.

The FPI Mag meter's compact insertion design fits in confined spaces with limited access and offers total accessibility. The flow meter can be removed in pipes under pressure for easy inspection, cleaning, calibrating or verification with McCrometer's own NIST traceable Calibration Lab. It is particularly cost-effective for retrofit applications replacing flow meters or in sites never metered before.

Key features include:

Ease of hot tap installation;
without interrupting service

Economical Solution for medium &
large line sizes reducing total installed
cost by more than 45%

Insertion design for total accessibility.
Removable in pipes under pressure for
inspection, cleaning, calibration or
verification.

Multi-electrode sensor delivers
accurate total flow profile rivaling the
performance of a full-bore meter

Robust Construction for operational
longevity with rugged 316 stainless
steel sensor body

Sensor is coated with NSF Certified 3M

fusion-bonded epoxy coating ensuring superior long-term operation

Virtually no recalibration or maintenance. Comes pre-calibrated from McCrometer's NIST traceable Calibration Lab. With no moving parts, the sensor contains nothing to wear or break.

Applications:

Drinking Water: Distribution, Filter Balancing & Backwash, Pump Stations, UV Dosing, Well Water, Boosting Stations

Waste Water: Effluent, Recycle / Reclaim

Industrial: Chilled Water, Cooling Water