

## Gas Specific Gravity Meter

Emerson Process Management has released the Micro Motion Specific Gravity Meter, designed for custody transfer, refinery/fuel gas energy measurement,



hydrogen purity control and many other process gas applications. This new technology expands the availability of diagnostics information in critical density measurement applications and can result in significant reductions in maintenance costs and cycle times. This meter directly measures gas molecular weight and can be configured to output hydrogen purity, specific gravity, relative density, calorific value/BTU or Wobbe Index. The meter now incorporates a head-mounted transmitter that has the flexibility to digitally connect to distributed control systems as well as the ability to output raw sensor signals to flow computers - conforming to custody transfer best practices. The new transmitter module is able to output sensor data in four formats simultaneously - sensor frequency (time period), 4-20mA, HART and RS485 Modbus. The new meter incorporates a new diagnostic capability, Known Density Verification, which checks the meter for measurement alarm conditions, sensor integrity and the presence of coating, erosion or corrosion.

Emerson Process Management

<http://www.emersonprocess.com> [1]

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### Links:

[1] <http://www.emersonprocess.com>