

Dear #name# #surname#

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FCI FLUID COMPONENTS INTERNATIONAL LLC



FCI Thermal Mass Flow Meters

FCI designs, manufactures and sells a broad line of thermal mass flow meters for air and gas flow measurement. Thermal mass flow meter technology utilises the relationship between flow rate and cooling effect for direct measurement of mass flow. With no moving parts and minimal invasiveness, thermal flow meters provide a highly repeatable, accurate, low cost, easy to install solution for air and gas flow measurements. FCI provides flow meters suitable for applications in pipes and ducts, as small as 6mm to the largest of stacks.

FCI thermal mass flow meters feature precision, surface-mount, RoHS compliant electronics with industry leading functions and communications capabilities, and with un-matched agency approvals and certifications. Whether standard analogue outputs like 4-20mA or pulse, or digital bus communications of HART, Foundation Fieldbus, PROFIBUS, Modbus and more, FCI has a thermal flow meter solution. Transmitter enclosures are industry's most rugged and tested, and carry global agency approvals that ensure longest service life and safe operation in the most demanding process and plant applications.

You will find FCI thermal flow meters with agency approvals from ATEX, IECEx, NEPSI and more, and industry or country specific pedigrees such as SIL (IEC 61508), CRN, PED, QAL 1, CEMS and more. FCI provides several thermal mass flow meter product families and more than 20 models to meet a broad range of performance, pipe diameters, gas types and environmental application requirements.

[More info...](#)



Limited Time Offer On ECD Products range

10% Additional discounts offered on the complete ECD Product Range. Valid for order placement from February 1 till February 28. Available to customers within our sales territory.

[Check It Now!](#)



MICHELL Instruments

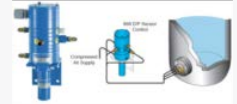


Liquidew I.S. Moisture in Liquid Analyser

On-line measurement of moisture content in liquids is accurate, fast and reliable with the Liquidew I.S. Moisture in Liquid Analyser from Michell. A wide variety of non-polar liquids can be measured continuously, on-line, including flammable liquids and hazardous area applications, petrochemicals, power industry and pharmaceutical manufacturing.

- * Simple, cost-efficient operation and low maintenance
- * Retrofit functionality, easy to integrate into existing sampling or distribution systems
- * High integrity moisture in liquid measurement from 0.01 ppmW to saturation point
- * Multi-channel with up to four completely independent measurement channels
- * Robust design for undisturbed operation in many non-polar liquids over a long time
- * Two 4-20 mA configurable outputs and digital Modbus RTU-based communication
- * Replaceable sensor element with Michell Calibration Exchange Service for reliable cost-efficient calibration
- * NIST and NPL traceable calibration
- * EXd version available

[More info](#)



KING-GAGE Telesensor

KING-GAGE® TeleSensor detects level by sensing hydrostatic pressure created by liquid depth. Acting on the force balance principle, a sensitive diaphragm is exposed to the liquid contents of the tank. Compressed air within the sensor creates a pneumatic pressure that balances the force of the liquid acting against the diaphragm. This diaphragm unit is generally paired with the 868 D/P Sensor Control with integral transmitter. This converts the pneumatic isolation pressure to a proportional 4-20 mADC signal suitable for process control or remote level indication.

The basic configuration is intended for pipe flange connection mounting (2", 3" or 4" class 150 ANSI) to any typical outlet near the bottom of the tank. TeleSensor units are virtually free from long term drift, hysteresis, and temperature sensitivity unlike strain measurements (including load cells) since mechanical deflection of the diaphragm is not directly measured. Additionally, pressure based measurement is unaffected by liquid foam or vapour layers within the tank.

KING-GAGE TeleSensor units combine accuracy, rugged durability, reduced maintenance, and long term stability for liquid level tank gauging. A compressed air/gas supply is required for operation of the sensor. Entirely pneumatic versions are available for use in hazardous area service eliminating need for additional intrinsic safety provisions.

- External Mounting at Tank
- Unaffected by Foam or Vapor
- Electronic (4-20 mA) or Pneumatic Output

[Read More](#)

Beamex has released the following updates for the MC6 Multifunction Calibrators

1. Firmware Update version 1.70 for Beamex® MC6 A new firmware update for the Beamex® MC6 Advanced Field Calibrator and Communicator.

2. MC6 HART Device Description package HART161124D.bxf

[Click here to download](#)



AMS News

Welcome to the January issue of the AMS newsletter.

With 2016 now in the past, we must start looking towards 2017. As 2016 was a successful year for AMS, we hopefully expect an even better 2017. Our product lines are now well established and with new product releases from various suppliers expected during the year we start the year with full confidence. As indicated in the December newsletter AMS donated \$2,500.00 to the Cancer Council Australia and this will now be one of the ongoing donations that AMS will make. We further received a great surprise in that FCI donated a further \$500.00 to this cause. As Dan McQueen, President of FCI said: "We have all been touched by the disease and when we saw what AMS was doing via your newsletter, we decided to add some support to your movement. A little year-end charity inspired by AMS." All at AMS were touched by this great gesture. To all our suppliers and customers we wish a successful and prosperous 2017.



ecom-B Flue Gas Analyser by rbr Small in size, Robust and Magnetic

- Super compact (250 x 180 x 80 mm at about 2 kg)
- Ready to measure (analyser, probe, probe tube, T-Room sensor, charger)
- Robust aluminium housing with back-mounted magnets for instrument positioning
- Safety package: longlife sensors, automatic CO switch off, optical condensate monitoring
- Up to 3 gas sensors
- Internal memory for 300 measurements
- Backlit display
- 10 Years Guarantee
- Comprehensive accessory program

[More info...](#)

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