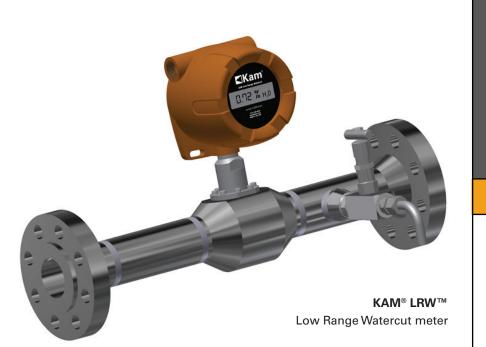


Kam[®] Simple Precision™



The KAM[®] LRW[™] uses AnyDensity[™] technology to automatically compensate* for changes in density across the entire range of API gravities.

KEY FEATURES

- Patented microwave resonance technology
- AnyDensity[™] density compensation for full API gravity range*
- Automatic temperature correction
- ±1% full scale accuracy
- Spool and insertable models available for maximum installation flexibility
- Local display
- Up to ANSI 900

A superior option to traditional BS&W technologies, the patented KAM[®] LRW[™] Low Range Watercut meter offers the high accuracy and repeatability of microwave measurement in a package specifically designed for custody transfer and other low range applications.

Unique to the LRW[™], AnyDensity[™] technology allows the instrument to compensate for any change in density across the entire API gravity range.* This is paramount in situations where a single truck or rail unloading site could see swings in API gravity from the 20's to the 60's.

The patented and proven microwave technology used in the LRW[™] provides industry-leading accuracy – as low as ±0.03% on 0-3% models. And high quality components made and assembled entirely in the USA provide reliable and consistent performance for long-term use. Plus the unit can easily be calibrated in line.

With insertable and spool/flow through models, the LRW[™] also offers installation flexibility that no other unit can match. Spools can be custom fabricated for lines 1-3" and lengths 21" and above. Spools also incorporate static mixing elements to ensure a homogenous flow and manual draw-off valves key for calibration and verification. And insertable models can be installed on a T on any line 2" and above.



Kam[®] Simple Precision[™]



Flow through spool model:

1", 2" or 3" flanged flow through spool Includes static mixer and manual draw-off valve Standard spool length is 32" (812 mm) Minimum spool length is 21" (533 mm)



Fixed insertion model: 2", 3", or 4" flange

Also available:

Insertable/retractable model: 2" MNPT; 2", 3", or 4" flanged seal housing

FOR MORE INFORMATION ON KAM PRODUCTS

Phone: +1 713-784-0000 Fax: +1 713-784-0001 Email: sales@kam.com

www.KAM.com

SPECIFICATIONS

Media: Wetted parts:

Fluid temp: Electronics temp: Power requirements: Available ranges: Accuracy:

Repeatability: Resolution: Minimum water detection: Outputs/serial ports:

Density Correction:

Temperature Correction: Pressure ratings: Flow conditions:

Crude oil and refined products 316 SS, hastelloy, & PEEK (Other materials available) To 300° F (149° C) -40° F to158° F (-40° C to +70° C) 24 VDC/1 amp at 24 watts 0-3%, 0-5%, 0-10% 1% of range $(\pm 0.03\%, \pm 0.05\%, \pm 0.10\%)$ +/- 0.01% +/- 0.01% 300 ppm (0-3% models) 4–20 mA (2) Alarm relay RS232 ASCII RS485 Modbus

AnyDensity[™] compensates for changes in fluid density across entire API gravity range (requires density input)

Automatic ANSI 150, 300, 600, 900 Well mixed in accordance with API MPMS Chapter 8.2

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KAM CONTROLS IS AN ISO 9001 CERTIFIED COMPANY