JVK-60E-740 POSITIVE DISPLACEMENT SPUR GEAR METER

Ideal for measuring chemicals, including the strongest of chemicals such as acid, caustic-based fluids and corrosives.

APPLICATIONS

Harsh chemical environments call for special products. That's why AW-Lake developed this flow meter, specifically designed for the chemical dispensing industry. Machined of tough thermoplastic and made to provide years of service, these flow meters stand up to the strongest chemicals, including acids, caustic-based fluids and corrosives.

TECHNICAL SPECIFICATIONS

Measuring Accuracy
± 1.0% over 10:1 turndown with 30cP fluid

Repeatability
± 0.2%

Flow Measuring Range
0.1 to 7.0 gpm

Maximum Operating Pressure
up to 500 psi

Maximum Fluid Temperature
50°F to 110°F (10°C to 43°C)

Ports
1/2 Female NPT

BENEFITS

Simple & Easy to Use
These meters are easy to use and install, since there is no need for straight run piping upstream or downstream of the flow meter.

Chemical Resistant
This meter is constructed of thermoplastic materials that are safe for use with a wide variety of acids and chemicals.

Flexible
Meter may be used in applications requiring bi-directional flow.

MATERIALS OF CONSTRUCTION

Body	Kynar® (PVDF)
Gears	PTFE
Seals	PTFE
Bearings	Ceramic (Al2O3)

RECOMMENDED SENSORS

Sensor Type	Model	Sensor Features
Meter mounted analog output sensor	FIP-IRS	3-wire analog output, current or voltage
Infrared Optical Sensor	IR-Px	Sinking (IR-PA) or sourcing (IR-PB) pulse output

AW-LAKE
PROCESS FLOW MEASUREMENT

2440 W. Corporate Preserve Dr. #600, Oak Creek, WI 53154 | www.aw-lake.com

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METER DATA

Meter Size	Flow Range (GPM)	Impulses/ Gallon	Impulses/ cc	Diameter (in)	Height (in)	Weight (Lbs / Kg)	Ports	Filtration (microns)	Pressure Rating
JVK-60E-740	0.1-7.0	1,800	0.47	4.5”	3.36”	4.0 / 1.77	1/2” NPT	120	500 psi

Products may be subject to change without notice - Contact factory for the most up-to-date product information.

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