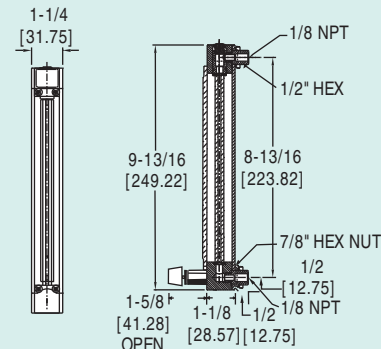




Series
VA-K

Variable Area Flow meter Kits

Inter changeable Flow Tubes and Floats, 150 mm Universal Scales



The **Series VA-K Flowmeter Kits** offer an economical means of acquiring diverse flow measurement capability. The kit includes a completely assembled flowmeter (available with Aluminum or 316 SS end fittings) and three interchangeable 150 mm flow tubes. All flow tubes are supplied with a glass float installed. Spare 316 SS and Tantalum floats are included to extend flow capacities. Series VA-K kits also include a high flow valve cartridge, tripod base, tweezers, pushrod and locking tool for changing floats and flow tubes, correlation charts and plastic carrying case.

Model VA-K1, Aluminum Flowmeter Kit

Model VA-K2, 316 SS Flowmeter Kit

Max. Flow Rate (mL/min)*						
Flow Tube Number	Float Material					
	Air	Water	Air	Water	Air	Water
042-15	1.8 to 18.6	0.02 to 0.19	5.8 to 60.6	0.09 to .945	—	—
112-02	21 to 374	.023 to 5.5	36 to 814	1.1 to 20.4	—	—
102-05	106 to 3807	2 to 84	288 to 7590	6 to 617	—	—
044-40	962 to 22536	15 to 541	—	—	2015 to 62588	106 to 2001

* Flow rates are given for standard pressure and temperature 70°F (21°C) @ 760 mm Hg.

SPECIFICATIONS

Scales: Universal 150 mm scales with correlation chart.

Accuracy: ±2% FS @ 70°F (21.1°C) and 14.7 psia (1 atm absolute).

Repeatability: ±0.25% of scale reading.

Turn-down ratio: 10:1; 20:1 with combinations of two floats installed in meter.

Maximum Operating Pressure: 200 psig (13.8 bar).

Maximum Operating Temperature: 250°F (121°C).

Mounting: Vertical.

Connection: 1/8" female NPT.

Flowtube: Borosilicate glass.

Float: Glass, 316 SS or tantalum.

Float Stops: PTFE.

End Fittings: Anodized Aluminum or 316 SS.

Front Shield: Polycarbonate.

Side Panels: Black, anodized aluminum.

O-rings: Buna-N on aluminum models and Fluoroelastomer on stainless steel models.

Valve Orifice: Acetal on aluminum models and PCTFE on stainless steel models.

APPLICATIONS

Kits are ideal for flow applications in air and water analysis, film processing, chemical processing, gas chromatography, pharmaceutical, alcohol and tobacco production, pulp and paper, and semiconductor industry.

CALL TO ORDER: U.S. Phone 219 879-8000 • U.K. Phone (+44) (0)1494-461707 • Asia Pacific Phone 61 2 4272-2055

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