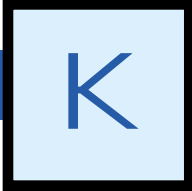


# Flowmeter Kits



Designed especially for the laboratory these kits offer a diverse economical way of acquiring flow measurement capabilities. Since all 150 mm flowtubes in this catalog are interchangeable, additional flowtubes may be added later (see Tables 4 and 6). A handy selection of flowmeters is presented in kit form. Kits are shipped in convenient molded plastic carrying cases. Flowtubes and floats are interchangeable in frames supplied facilitating overlapping flow ranges.

For non-corrosive fluids use the Aluminum Kit. For corrosives consider the Stainless Steel Kit. For corrosive applications at lower pressure or for high purity fluid service specify the Teflon® PTFE Kit.

All three units are supplied with glass floats installed. Aluminum and Stainless Steel kits come with spare stainless steel and tantalum interchangeable floats to extend flow capacities. Due to chemical compatibility considerations Teflon® PTFE kits are supplied with spare sapphire floats.

## KA Aluminum Flowmeter Kit

Wetted parts are borosilicate glass, aluminum, 316 stainless steel. Buna-N® O-rings, and Viton® packings supplied.

**Contents:** Aluminum flowmeter assembled with 042-15G flowtube. Extra flowtubes as listed in Table 14, stainless steel float for 042, 112 and 102 flowtubes, tantalum float for 044 flowtube. High flow valve cartridge. Tripod base, tweezers, pushrod, and locking tool for changing floats and flowtubes. Calibration data and carrying case.

## KS Stainless Steel Flowmeter Kit

Wetted parts are borosilicate glass, aluminum, 316 stainless steel, Viton® O-rings and packings supplied.

**Contents:** Stainless Steel flowmeter assembled with 042-15G flowtube. Extra flowtubes as listed in Table 14, stainless steel float for 042, 112 and 102 flowtubes, tantalum float for 044 flowtube. High flow valve cartridge. Tripod base, tweezers, pushrod and locking tool for changing floats and flowtubes. Calibration data and carrying case.



KA Aluminum Kit shown

Three types of kits are offered:

- \* Model KA Aluminum Flowmeter Kit.
- \* Model KS Stainless Steel Flowmeter Kit.
- \* Model KT Teflon® PTFE Flowmeter Kit.

## KT Teflon® PTFE Flowmeter Kit

Wetted parts are borosilicate glass, Teflon® PTFE and PCTFE.

**Contents:** Teflon® PTFE flowmeter assembled with 042-15G flowtube. Extra flowtubes as listed in Table 14, sapphire floats. High flow valve cartridge. Tripod base, tweezers, pushrod and locking tool for changing floats and flowtubes. Calibration data and carrying case.

Flowtube Number	Float Material					
	Glass		Sapphire		Stainless Steel	
	Air	Water	Air	Water	Air	Water
042-15	1.8 to 18.6	0.02 to 0.19	2.9 to 30	.04 to .38	5.8 to 60.6	0.09 to .945
112-02	21 to 374	.023 to 5.5	29 to 513	9.96 to .39	36 to 814	1.1 to 20.4
102-05	106 to 3807	2 to 84	149 to 5005	3 to 126	288 to 7590	6 to 217
044-40	962 to 22536	15 to 541	1389 to 29560	30 to 806	2397 to 41512	57 to 1288