

Designed especially for the laboratory these kits offer a diverse economical way of acquiring flow measurement capabilities. Since all 150 mm flow tubes in this catalog are interchangeable, additional flow tubes may be added later (see flow tables, pages 43 to 49). A handy selection of flow meters is presented in kit form.

THREE TYPES OF KITS ARE OFFERED

- ✓ Aluminum Flow Meter Kit.
- ✓ Stainless Steel Flow Meter Kit.
- ✓ PTFE Flow Meter Kit.

Kits are shipped in convenient molded plastic carrying cases. Flow tubes 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 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 PTFE kits are supplied with spare sapphire floats.



KIT-S1A-BAA Aluminum Kit Shown

FLOW CAPACITIES OF FLOW TUBES USED IN KITS [mL/min].						
FLOW TUBE NUMBER	FLOAT MATERIAL					
	GLASS		SAPPHIRE		STAINLESS STEEL	
	AIR	WATER	AIR	WATER	AIR	WATER
042-15	1.8 to 18.9	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	.39 to 9.96	36 to 814	1.1 to 20.4
102-05	135 to 3922	2 to 84	198 to 5188	3 to 126	351 to 7825	6 to 217
044-40	791 to 23742	15 to 541	1208 to 30711	30 to 806	2182 to 45227	57 to 1288

ORDERING INFORMATION FOR FLOW METER KITS		
MODEL NUMBER	CONTENTS	DESCRIPTION
KIT-S1A-BA	ALUMINUM FLOW METER KIT: Assembled with 042-15-GL flow tube. Extra flow tubes as listed in above table. Stainless steel float for 042,112 and 102 flow tubes. Tantalum float for 044 flow tube. High flow valve cartridge. Tripod base, tweezers, pushrod and locking tool for changing floats and flow tubes. Calibration data and carrying case.	Wetted parts are borosilicate glass, aluminum, 316 stainless steel. Buna-N® o-rings and Viton® packings.
KIT-S1S-VA	STAINLESS STEEL FLOW METER KITS: Assembled with 042-15-GL flow tube. Extra flow tubes as listed in above table. Stainless steel float for 042, 112 and 102 flow tubes. Tantalum float for 044 flow tube. High flow valve cartridge. Tripod base, tweezers, pushrod and locking tool for changing floats and flow tubes. Calibration data and carrying case.	Wetted parts are borosilicate glass, 316 stainless steel, Viton® o-rings and packings.
KIT-T1T-TA	PTFE FLOW METER KIT: Assembled with 042-15-GL flow tube. Extra flow tubes as listed in above table. Sapphire floats. High flow valve cartridge. Tripod base, tweezers, pushrod and locking tool for changing floats and flow tubes. Calibration data and carrying case.	Wetted parts are borosilicate glass, PTFE and PCTFE.

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