

## MULTI-TUBE UNITS AND MIXERS

### Series 7940 and 7941

The Series 7940 multitube flowmeters are available in either Aluminum or 316 Stainless Steel and in two basic configurations.

- 7940 Series has four flowmeter tubes with individual outlets to permit the metering of four separate gas streams. It comes complete with four tubes.
- 7941 Series mixers have three flowmeter tubes and a mixing tube with a single outlet to produce homogenous mixture of three gases to an accuracy of  $\pm 10\%$ . The tubes have a single glass float and calibration curves for most common gases are available at no extra cost.
- All units are back pressure compensated by mounting the control valves on the outlet.
- All are available with a standard valve cartridge or a high accuracy valve to permit very accurate setting of low flow rates.
- All units are provided with a bench stand.

#### SPECIFICATIONS

Connections: 1/8" NPTF or 1/4" tube fitting

Maximum Inlet Pressure: 200 psig

Operating Temperature: 20°F to 250°F

Dimensions: 10"H x 4 1/4"W x 1 1/4"D  
(not including base)

Shipping Weight: 6 3/4 lbs.



### Series 7940 4- Tube Flowmeter\* (2 and 3 tube units are available on request)

Model*	Material	Valve	Connections
A7940	Aluminum	Standard	1/8" NPT female
A7940T	Aluminum	Standard	1/4" compression fitting
A7940HA	Aluminum	High Accuracy	1/8" NPT female
A7940THA	Aluminum	High Accuracy	1/4" compression fitting
S7940	316 Stainless Steel	Standard	1/8" NPT female
S7940T	316 Stainless Steel	Standard	1/4" compression fitting
S7940HA	316 Stainless Steel	High Accuracy	1/8" NPT female
S7940THA	316 Stainless Steel	High Accuracy	1/4" compression fitting

### Series 7941 Mixing Units\*

Model*	Material	Valve	Connections
A7941	Aluminum	Standard	1/8" NPT female
A7941T	Aluminum	Standard	1/4" compression fitting
A7941HA	Aluminum	High Accuracy	1/8" NPT female
A7941THA	Aluminum	High Accuracy	1/4" compression fitting
S7941	316 Stainless Steel	Standard	1/8" NPT female
S7941T	316 Stainless Steel	Standard	1/4" compression fitting
S7941HA	316 Stainless Steel	High Accuracy	1/8" NPT female
S7941THA	316 Stainless Steel	High Accuracy	1/4" compression fitting

\*Specify your choice of Flowmeter tubes from the table on page 53.