

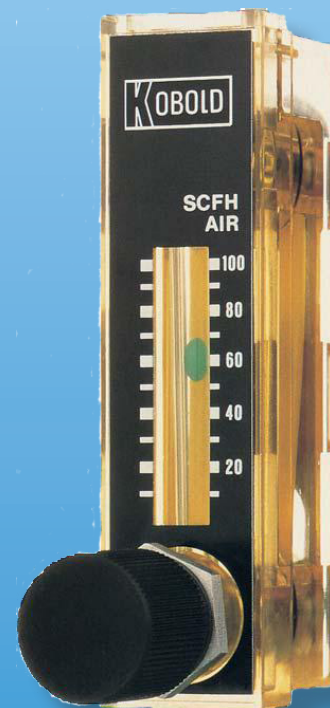
Economical Micro Flowmeter



measuring
•
monitoring
•
analyzing

KSV

- $\pm 6\%$ Full Scale Accuracy
- $\pm 1\%$ Full Scale Repeatability
- Excellent Resistance to Acids and Alkaline Solutions
- Can be Sterilized, Max. 250°F
- Compact
- Convenient Panel Mountability
- Easy to Read and to Install



KOBOLD companies worldwide:

ARGENTINA, AUSTRALIA, AUSTRIA, BELGIUM, BULGARIA, CANADA, CHILE, CHINA, COLOMBIA, CZECH REPUBLIC, EGYPT, FRANCE, GERMANY, HUNGARY, INDIA, INDONESIA, ITALY, MALAYSIA, MEXICO, NETHERLANDS, PERU, POLAND, REPUBLIC OF KOREA, ROMANIA, SINGAPORE, SPAIN, SWITZERLAND, TAIWAN, THAILAND, TUNISIA, TURKEY, UNITED KINGDOM, USA, VIETNAM

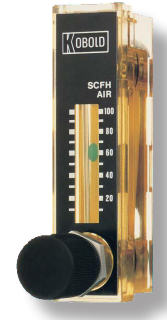
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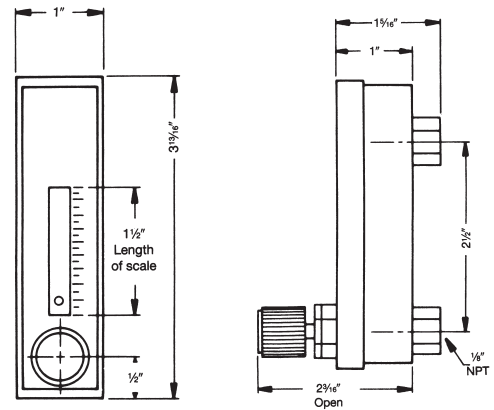


Description

The KOBOLD KSV flowmeter measures and controls low volume flows of water or air. It has a plastic body with metal fittings and is kept leak tight through the use of O-ring seals. The floats are either stainless steel, glass, or titanium. Though the float types are determined by measuring range, the plastics for the body and metals for the fittings are not. The KSV comes with or without a needle valve. We recommend that the needle valve version be used to help stabilize the float during introduction of media (particularly gases) into the flowmeter. As is typical for needle valves, complete shut-off cannot be achieved and if shutoff is desired, we recommend the installation of a shutoff valve upstream of the KSV.



Dimensions



Specifications

- Connections:** 1/8" NPT, Female
- Measuring Accuracy:** ±6% of Full Scale
- Repeatability:** ±1% of Full Scale
- Operating Pressure:** Max. 87 PSI
- Flow Media:** Liquids or Gases
- Measuring Principle:** Float
- Mounting:** Vertical, Up

Material Combinations

| | Housing | Connection | O-rings | Temperature Range |
|-----|-------------|------------|---------|-------------------|
| III | Polysulfone | Brass | NBR | -4...248 °F |
| IV | Polysulfone | 303 SS | FKM | -4...248 °F |

Order Details (Example: **KSV 3201 L**)

| Range Water (GPH) | Float Material | Model KSV with Needle Valve | | Model KSV without Needle Valve | | Range Air Add Suffix "L" (SCFH) |
|-------------------|----------------|-----------------------------|----------|--------------------------------|----------|---------------------------------|
| | | Material Combination | | Material Combination | | |
| | | III | IV | III | IV | |
| 0.04...0.4 | Glass | KSV-3301 | KSV-3401 | KSV-4301 | KSV-4401 | 0.3...3 |
| 0.1...1.1 | SS | KSV-3304 | KSV-3404 | KSV-4304 | KSV-4404 | 0.5...5 |
| 0.1...0.5 | Glass | KSV-3306 | KSV-3406 | KSV-4306 | KSV-4406 | 1...10 |
| 0.5...4.5 | SS | KSV-3316 | KSV-3416 | KSV-4316 | KSV-4416 | 2...20 |
| 1.0...10 | Titanium | KSV-3335 | KSV-3435 | KSV-4335 | KSV-4435 | 5...50 |
| 2.0...20 | SS | KSV-3380 | KSV-3480 | KSV-4380 | KSV-4480 | 10...100 |