

## ROTAMETER 1250G - 1255G - 1350G - 1355G - 1358

1350G

Flow meter 1350G

- Standard direct read scale
- Scale length (approximate) 65mm, 150mm
- Rotating lens provides a 180° view with magnification
- Suitable for most liquids and gases



### PRODUCT DESCRIPTION

Sho-Rat Series Glass Tube Variable Area Flow Meters offer proven performance for low flow rates. Versatile options to match all needs in various industries. For a wide range of chemical, petrochemical, biotechnology, research and analytical applications, Sho-Rate™ Series glass tube variable area flow meters provide industry-leading repeatability and reliability in two versatile lines.

Sho-Rate™ 1350/1355 flow meters deliver up to 3% accuracy and 0.25% repeatability depending on the model. Sho-Rate™ 1250/1255 flow meters offer a durable, cost-effective design to meet OEM requirements for systems requiring metering and analyzer integrators.

Sho-Rate™ 1350 / 1355 / 1358 features include:

- Three accuracy levels: 3% (low-flow Model 1355), 5% (low-flow Model 1350) or standard accuracy of 10% (high-flow Model 1358)
- Repeatability of 0.25% Full Scale (0.5% Full Scale for Model 1358)
- Scale includes built-in magnifier – scale decals can be applied directly to the tube to support unique flow ranges and units of measure
- Options include standard or NRS™ integral needle control valves, as well as flow controllers on the inlet or outlet to go beyond measurement

Sho-Rate™ 1250 / 1255 features include:

- Two accuracy levels: 5% Full Scale (Model 1250), 10% Full Scale (Model 1255)
- Standard direct-read scales for common units and fluids – 65 mm, 150 mm scale lengths (approximate)
- Inlet valve and outlet valve with options of cartridge valve, precision control valve or no valve
- Easy-change design allows quick interchangeability of tube assemblies
- Rotating lens provides a 180° view with magnification

### SPECIFICATIONS

<b>Control range</b>	1:10
<b>Length of scale</b>	65 mm
<b>Lowest flow</b>	60 l/min (N2)
<b>Material Body</b>	Stainless steel 316
<b>Material Connection Block</b>	Brass, Stainless steel 316L
<b>Material of body</b>	Aluminium, Polycarbonate

<b>Material of glass tube</b>	Borosilicate glass
<b>Material of seals</b>	Buna, Kalrez, PTFE, Viton
<b>Materials Float</b>	Carboloy, Glass, Sapphire, Stainless steel 316, Tantal
<b>Materials O-Ring</b>	Buna, Kalrez, Viton
<b>Materials Wetted Parts</b>	Borosilicate glass, Brass, Stainless steel 316
<b>Op.</b>	14 bar
<b>Pressure Range Max</b>	13.8 bar
<b>Sensor Material</b>	Borosilicate glass
<b>Temperature range from</b>	1 °C
<b>Temperature range of media from</b>	1 °C
<b>Temperature range of media to</b>	121 °C
<b>Temperature range to</b>	121 °C
<b>Valve type</b>	Needle valve



