

Gas Purification/Management

Plumbing/Regulation: *Flow Regulation and Measurement*

Vernier Handle for Fine Metering Valve

This optional vernier handle attaches to the stem of a fine metering valve, and is more comfortable to turn than the stem itself. The thicker body also allows for more precise control than possible by turning the stem. Additionally, a scale on the handle can be used for visual detection of movement. Order choice of fine metering valve separately.



22122

1 ea

Supelco Rotameter

This rotameter is designed for the accurate regulation of gas flow, providing measurement at the same time. This versatile unit includes four interchangeable floats, each with a different working range. Simply install the float required for the application. Standard flow tables in mL/min at STP are included.

The rotameter is easy to mount. Alternatively, it can be installed on a tripod assembly (order tripod assembly separately). Available with or without needle valve.

Specifications:

- **Max. Pressure:** 200 psig (13.8 bar)
- **Max. Temp.:** 250 °F (121 °C)
- **Connections:** 1/8 in. female NPT (use connector to male NPT fittings to connect into gas delivery system)

Float Upper Flow Rates:

0-33 mL/min. Rotameter

- Glass Float: 6 mL/min.
- Sapphire Float: 8 mL/min.
- Stainless Steel Float: 17 mL/min.
- Carboly Float: 33 mL/min.

0-110 mL/min. Rotameter

- Glass Float: 19 mL/min.
- Sapphire Float: 30 mL/min.
- Stainless Steel Float: 61 mL/min.
- Carboly Float: 110 mL/min.

0-246 mL/min. Rotameter

- Glass Float: 49 mL/min.
- Sapphire Float: 73 mL/min.
- Stainless Steel Float: 137 mL/min.
- Carboly Float: 246 mL/min.

0-454 mL/min. Rotameter

- Glass Float: 92 mL/min.
- Sapphire Float: 140 mL/min.
- Stainless Steel Float: 264 mL/min.
- Carboly Float: 454 mL/min.



Description	Cat. No.	Qty
flow range: 0-33 mL/min, with needle valve	23324	1 ea
flow range: 0-110 mL/min, with needle valve	23325	1 ea
flow range: 0-244 mL/min, with needle valve	23320-U	1 ea
flow range: 0-454 mL/min, with needle valve	23326	1 ea
flow range: 0-33 mL/min, without needle valve	503843	1 ea
flow range: 0-110 mL/min, without needle valve	503851	1 ea
flow range: 0-454 mL/min, without needle valve	503886	1 ea

Modular Rotameter

The modular design of this rotameter allows the unit to be quickly converted to monitor different flow ranges. Each unit includes a rotameter body and two modules, each with two floats installed inside the flow tube (each float has a different working range). The floats are never touched. Instead, the module is simply interchanged.

Connections are 1/8 in. female NPT. Use connector to male NPT fittings to connect into gas delivery system. The rotameter can be installed on a tripod assembly (order tripod assembly separately).

Low Flow Kit (Cat. No. 22549)

Module 1

- Glass Float: 6-60 mL/min.
- Stainless Steel Float: 15-150 mL/min.

Module 2

- Sapphire Float: 11-110 mL/min.
- Carboly Float: 30-300 mL/min.

High Flow Kit (Cat. No. 22550-U)

Module 1

- Glass Float: 38-380 mL/min.
- Stainless Steel Float: 84-840 mL/min.

Module 2

- Sapphire Float: 54-540 mL/min.
- Carboly Float: 125-1250 mL/min.