All-Teflon Constant Flow Valve for Liquids/Chemicals

MODEL 2600 SERIES

This constant flow valve has been developed for control of water and chemical flows. It maintains liquid flows constant against fluctuations of both primary and secondary pressures.

Features

- **Outstanding control of liquid flows at a constant rate**
  A valve composed of high-precision components ensures smooth control of flows.
- **Not affected by pressure variations**
  Flows are maintained at a constant rate against fluctuations of both primary and secondary pressures.
- **Non-metal material (PTFE) used for the wetted part**
  This resin (PTFE) is perfect for a part apt to be easily damaged by metal ions.
- **Small flows from 100-500 ml/min controllable**
  Minute flows are also controllable optionally.
- **Model 2600, all-Teflon type, is compatible with practically all chemicals thanks to the use of a Perfluoro O-ring.**
  (There are some operating conditions to be met according to the type of chemical. Be sure to contact us for information before placing your purchase order.)
- **Bubblers (air bubble purge taps) provided in the upper/lower diaphragm chambers**
  Air bubble purge at the initial flow setting stage of operation provides the most accurate possible control.

Applications

- Ultrapure water analyzers
- Environmental instrumentation systems; food/chemical industry equipment
- Ultrapure water and chemical mixing systems

Standard Specifications

	Model 2600-T
Fluid	Liquids (Mainly H_2O)
Flow rating	100-500 ML/MIN 0.1-1 L/MIN
Control accuracy	Within ±3% of the set value
Operating differential pressure	0.1 MPa or more
Operating pressure	0.1-0.5 MPa
Proof pressure	0.7MPa
Materials of parts exposed to fluids	fluorocarbon resin, Perfluoro
Max. operating temperature	15°C-35°C
Connection end	Rc 1/4

Note: The control accuracy is guaranteed only when the fluid temperature is constant, because the viscosity varies with temperature.
Contact us for the detailed specifications.

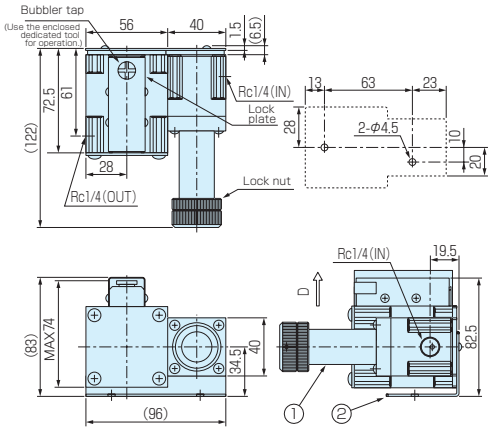
Optional Specifications

Custom-ordered flow ranges as well as types for special fluids are optionally available. Please contact us for information.

* The specifications above are subject to change without prior notice.
Install a filter or the like on the IN side to prevent entry of foreign substances.

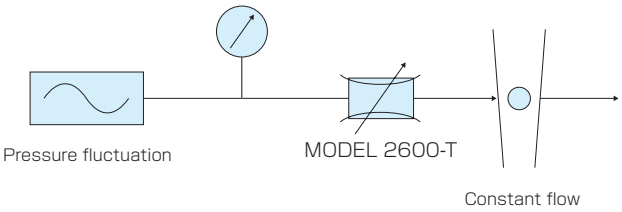
2600T

Dimensions



Connection Example with Model 2600

When the primary pressure fluctuates



Ordering

T: PTFE

Model — Material — Rated flow

MODEL2600 — T — 500ML/MIN 1L/MIN

Illustrative example

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MODEL2600 — T — 1L/MIN

* Refer to "Ordering" and "Illustrative Example" when placing an order or requesting a quotation. Fill in the blanks in the "Order/Quotation Request Card" at the end of the catalog, and send the card by fax.

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