The P-710 is a light, compact, fluororesin body purgemeter ideal for measuring various corrosive solutions.

### MAJOR APPLICATIONS
General purpose (small flow rate)

### STANDARD SPECIFICATIONS
- **Measuring fluid**: Gases, Liquids
- **Measuring range**:
  - Air: Min. 50 to 500 mL/min (nor)  Max. 2 to 20 L/min (nor)
  - Water: Min. 3 to 30 mL/min  Max. 0.4 to 2 L/min
  - When selecting a flow range, refer to "Index & Quick Reference for P Series Purgemeters" (TG-S0001).
  - When selecting a flow range, refer to the standard flow rate.
- **Range ability**: 10:1 (10:2 for some models)
- **Indication accuracy**: ±5% F.S.
- **Fluid pressure**: Max. 0.5MPa
- **Fluid temperature**: Max. 70℃
- **Material**:
  - Meter body: ETFE (Rc1/8) (Standard), PFA (Pillar fitting)
  - Tapered tube: Heat-resistant glass (Standard), PCTFE
  - Gasket: PTFE
  - Support: Polyacetal (Standard), PPS
  - Cover: Polycarbonate
- **Process Connection**:
  - Rc: 1/8” (Standard)
  - Pillar fitting: (OD) 6.35mm, 6mm, 8mm
- **Mounting**: Screw mount on the panel front (Standard), Panel embedded mounting
- **Mass**: approx. 0.1kg

### ALARM CONTACT AND OUTPUT
- **Type**: Reed switch type alarm unit
  - General: ×
  - UL-approved: ○
  - PAU optical alarm unit: ○
- **Valve**:
  - L: Inlet (gas for atmospheric pressure scale)
  - U: Outlet (gas for pressure scale or for negative pressure on the secondary side)
  - Z: Special
- **Tapered tube material**:
  - G: Heat-resistant glass (Standard)
  - T: PCTFE
- **Gasket material**: T: PTFE
- **Process connection**:
  - R: Rc1/8” (Standard)
  - T: Pillar fitting (Super type)
  - P: Pillar fitting (Super 300 type)
- **Alarm output**:
  - G: Not provided
  - L: PAU alarm unit provided
  - Z: Special

### STANDARD FLOW RATE TABLE
When the fluid pressure is other than 0 MPa, refer to "Index & Quick Reference for P Series Purgemeters" (TG-S0001).

<table>
<thead>
<tr>
<th>Measuring fluid</th>
<th>Measuring range</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air</td>
<td>Min. 50 to 500 mL/min (nor)  Max. 2 to 20 L/min (nor)</td>
<td>ETFE (Rc1/8) (Standard), PFA (Pillar fitting)</td>
</tr>
<tr>
<td>Water</td>
<td>Min. 3 to 30 mL/min  Max. 0.4 to 2 L/min</td>
<td>Heat-resistant glass (Standard), PCTFE</td>
</tr>
</tbody>
</table>

### OTHER AVAILABLE OPTIONS
You can specify the following options:
- Double graduations, special graduations, various joint types, etc. For details, refer to "Index & Quick Reference for P Series Purgemeters" (TG-S0001).
P-710 Purge meter

ORDERING INFORMATION

<table>
<thead>
<tr>
<th>Basic model code</th>
<th>Items to be specified</th>
</tr>
</thead>
<tbody>
<tr>
<td>P-710-□□□-□□□-□□</td>
<td>Fluid name — Flow range — Press. — Temp. — Mounting option — Other options</td>
</tr>
</tbody>
</table>

(Select in the model code table.)

(Refer to “Index & Quick Reference for P Series Purge meters” (TG-S0001).)

DIMENSIONS

● Standard type

P-710-U0-GT-R1

- Screw mounting on the panel
- Valve at the outlet

● Standard material

<table>
<thead>
<tr>
<th>Parts name</th>
<th>Standard material</th>
<th>Available material</th>
</tr>
</thead>
<tbody>
<tr>
<td>Support</td>
<td>Polyacetal</td>
<td>PPS resin</td>
</tr>
<tr>
<td>Body</td>
<td>○ ETFE (Rc1/8)</td>
<td>PFA (Pillar fitting)</td>
</tr>
<tr>
<td>Tapered tube</td>
<td>○ Heat-resistant glass</td>
<td>PCTFE</td>
</tr>
<tr>
<td>Gasket</td>
<td>○ PTFE</td>
<td>—</td>
</tr>
<tr>
<td>Float*</td>
<td>○ PTFE, Glass, Ruby</td>
<td>—</td>
</tr>
<tr>
<td>Nut</td>
<td>○ PCTFE</td>
<td>—</td>
</tr>
<tr>
<td>Valve needle</td>
<td>○ PCTFE</td>
<td>—</td>
</tr>
<tr>
<td>Cover</td>
<td>Polycarbonate</td>
<td>—</td>
</tr>
</tbody>
</table>

Parts marked “○” come in contact with the measuring fluid.
* We will select a proper material for your application.

* Specification is subject to change without notice.