Features:
- Superior in safety to glass level gauge.
- Lightweight and compact, easy to install.
- Indicates liquid level accurately.
- Short delivery term.

Specifications:
- Pressure: 2MPa
- Temperature: 200°C
- Specific gravity: 2 ~ 0.7
- Body material: SUS304
- Connection standard: 3/4 JIS10K, JIS20K, ANSI 150, ANSI 300

SLIM ensures your safety. Kaneko's technology offers high safety at a low price and in a short delivery term.
### Standard Specifications
- Maximum working pressure: 2Mpa
- Maximum liquid temperature: 200°C
- Specific gravity of liquid: 2~0.7
- Liquid viscosity: 100cP (0.1Pa·S)

### Optional Specifications
- Drain Valve (ball valve)
- Reed switch
- Scale plate
- Descaling ring

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Qty/Set</th>
<th>Material</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Chamber</td>
<td>1 SET</td>
<td>SUS304TP</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Tee</td>
<td>1 (0)</td>
<td>SCS13</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Elbow</td>
<td>1 (0)</td>
<td>SCS13</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Boss</td>
<td>2</td>
<td>SUS304</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Flange</td>
<td>1</td>
<td>SUS304</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Flange</td>
<td>1</td>
<td>SUS304</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Stopper</td>
<td>1</td>
<td>SUS304</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>O-ring</td>
<td>1</td>
<td>FEP</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>O-ring</td>
<td>2</td>
<td>FEP</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Plug</td>
<td>2</td>
<td>SUS304</td>
<td>R1/2</td>
</tr>
<tr>
<td>11</td>
<td>Flange</td>
<td>2</td>
<td>A105</td>
<td>10K:SS400</td>
</tr>
<tr>
<td>12</td>
<td>Set screw</td>
<td>4</td>
<td>SUS304</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Float</td>
<td>1</td>
<td>SUS316L</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Indicator</td>
<td>1 SET</td>
<td>A6063/Polycarbonate/Acryl</td>
<td></td>
</tr>
</tbody>
</table>

Note: For mounting form [C], values given in parentheses apply.

---

**Pressure-Temperature rating of SLIM**

![Pressure-Temperature graph]

- Standard
- Special
DESIGNATION OF SLIM

Table 1: Mounting Form

Symbol | Mounting Form
---|---
F | 
C | 

Table 2: Float Material

Symbol | Float Material
---|---
2 | SUS316L

Table 3: Specific Gravity of Liquid

Symbol | Specific Gravity of Liquid
---|---
1 | 2.000 > γ ≥ 1.340
2 | 1.340 > γ ≥ 1.100
3 | 1.100 > γ ≥ 0.950
4 | 0.950 > γ ≥ 0.860
5 | 0.860 > γ ≥ 0.800
6 | 0.800 > γ ≥ 0.755
7 | 0.755 > γ ≥ 0.725
8 | 0.725 > γ ≥ 0.700

Table 4: Connection Standard

Symbol | Connection Standard
---|---
1 | 3/4 JIS10K
2 | 3/4 JIS20K
3 | 3/4 ANSI·JPI 150
4 | 3/4 ANSI·JPI 300

Table 5: Optional Specifications

Symbol | Optional Specifications
---|---
D | Drain valve
H | Flame-proof reed switch
N | General type reed switch
S | Scale plate
U | Descaling ring
X | No option

Table 6: Measured (Visible) Length

<table>
<thead>
<tr>
<th>Mounting Length (mm)</th>
<th>Measured (Visible) Length (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Mounting Form [F]</td>
</tr>
<tr>
<td>360~559</td>
<td>300</td>
</tr>
<tr>
<td>560~759</td>
<td>500</td>
</tr>
<tr>
<td>760~959</td>
<td>700</td>
</tr>
<tr>
<td>960~1159</td>
<td>900</td>
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<tr>
<td>1160~1359</td>
<td>1100</td>
</tr>
<tr>
<td>1360~1559</td>
<td>1300</td>
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<tr>
<td>1560~1759</td>
<td>1500</td>
</tr>
<tr>
<td>1760~1959</td>
<td>1700</td>
</tr>
<tr>
<td>1960~2159</td>
<td>1900</td>
</tr>
<tr>
<td>2160~2359</td>
<td>1900</td>
</tr>
</tbody>
</table>

Table 7: Viewing Direction (from Above)

Symbol | Viewing Direction (from Above)
---|---
1 | |
3 | |
5 | |

Visible length and mounting length: The visible length is a standard value given in Table 6, so the mounting length (center-to-center distance between flanges) shall be set at a value within the range shown in the table, with the visible length as the basis.

Mounting form: [F]: In addition to mounting length, it is necessary to provide a float mounting length below the lower connecting pipe. [C]: The float mounting dimension is included in the mounting length.

EXPLANATION OF OPTIONS

D: Drain valve
RC1/2 SUS 316 ball valve
Contact: Self-sustaining type
Maximum working voltage: 125Vac, 100Vdc
Maximum capacity: 10VA
Protective construction: explosion-proof (d2G4)
Contact: Self-sustaining type
Maximum working voltage: 120Vac, 100Vdc
Maximum capacity: 10VA
Protective construction: IP protection rating (IP67)

H: Flame-proof reed switch
N: General type reed switch
S: Scale plate
SUS304, graduated at 50mm pitches
U: Descaling ring
Used for prevention of erroneous operation that may result from the adhesion to the float of metallic powder when included in liquid.
• Solenoid Valves
• Liquid Level Gauges
• Breather Valves, Flame Arresters
• Gas seal Units
• Safety Valves, Relief Valves, Reducing Valves
• Automatic Control Units
• Cylinder Valves for Rolling Mills
• Auxiliaries for Automatic Operation
• JIS Valves & Cocks

Established in 1918.
Kaneko offers superior technologies.

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