Minimum flow $Q_{\text{min}}$: 10 ltr/h
Standard flow $Q_{\text{standard}}$: 500 ltr/h
Maximum flow $Q_{\text{max}}$: 600 ltr/h
Measurement accuracy at standard flow: 0.2 %
Measurement accuracy across measuring range: 0.5 %
Measuring drum volume: 5 ltr/U
Packing liquid quantity, approx: 12 ltr

Maximum gas inlet pressure: 6 bar
Minimum differential pressure: 0.2 mbar
Minimum dial division: 0.02 ltr
Maximum indication value: 99,999,999 ltr
Connection gas in/outlet: hose barb
Inside-Ø hose barb
Outside-Ø: 15 mm

Legend:
1. Filling nozzle
2. Level
3. High precision level indicator “HPLI”
4. Support for gas & packing fluid thermometer
5. Handle
6. Removable cover
7. Pulse generator port (option)
8. Gas outlet
9. Gas inlet
10. Manometer connection
11. Standard Level indicator
12. Drainage faucet
13. Levelling foot

Performance Data

- Maximum gas inlet pressure: 6 bar
- Minimum differential pressure (1): 0.2 mbar
- Minimum dial division: 0.02 ltr
- Maximum indication value (2): 99,999,999 ltr

(1) Differential pressure (= pressure loss) gas inlet gas outlet
(2) Standard Totalizing Roller Counter
Models (materials)

<table>
<thead>
<tr>
<th>Model</th>
<th>Casing</th>
<th>Measuring drum</th>
<th>Width</th>
<th>Height</th>
<th>Depth</th>
<th>Weight (without packing liquid)</th>
<th>Max. constant use temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Stainless Steel</td>
<td>PVC-grey</td>
<td>400 mm</td>
<td>420 mm</td>
<td>470 mm</td>
<td>31.1 kg</td>
<td>40 °C</td>
</tr>
<tr>
<td>2</td>
<td>Stainless Steel</td>
<td>PE-el</td>
<td>400 mm</td>
<td>420 mm</td>
<td>470 mm</td>
<td>30.9 kg</td>
<td>60 °C</td>
</tr>
<tr>
<td>3</td>
<td>Stainless Steel</td>
<td>PP-grey</td>
<td>400 mm</td>
<td>420 mm</td>
<td>470 mm</td>
<td>30.9 kg</td>
<td>60 °C</td>
</tr>
<tr>
<td>4</td>
<td>Stainless Steel</td>
<td>PVDF</td>
<td>400 mm</td>
<td>420 mm</td>
<td>470 mm</td>
<td>31.5 kg</td>
<td>60 °C</td>
</tr>
</tbody>
</table>

Caution

Before and after measurements with **oxygen** purge the meter with an inert gas to avoid the danger of **explosion**!

For chemical resistance properties please contact your RITTER distribution partner!

Standard Equipment

- 8-digit Totalizing Roller Counter
- Bubble level for levelling
- Level and Levelling Feet
- Magnetic Coupling (between the measuring drum and counting mechanism), for an absolutely liquid-tight casing
- Multi-Chamber Measuring Drum
- Supports for Thermometer and Manometer
- Viton sealing

Built-in Options

- Pulse Generator, standard or Ex-proof version (for connecting Electronic Display Unit/Computer
- LCD Display, resettable, 8-digit (replaces Totalizing Roller Counter)
- High Precision Packing Liquid Level Indicator »HPLI«, for packing liquid level

Accessories

- Data Acquisition Software »RIGAMO«, (for Windows)
- Thermometer Gas (TG), measuring range 0 °C to +60 °C
- Thermometer Packing Liquid (TG), measuring range 0 °C to +60 °C
- Manometer for pressure pmax ≤ 10 bar, measuring range 0-6 / 0-10 bar; available for higher pressure ranges
- Electronic Display Unit »EDU 32 FP«, displays volume and calculates flow rate via RS232 and analog-output in realtime (pulse generator required)

The most recent version of this data-sheet can be found at https://www.ritter.de/en/data-sheets/tg-5-stainless-steel-6-bar/

Dr.-Ing. RITTER Apparatebau GmbH & Co. KG · Colonialstrasse 19-23 · D-44892 Bochum · Germany
For questions please contact mailbox@ritter.de or your any local distributor at https://www.ritter.de/en/worldwide/