



Performance Data:

| | | | |
|---------------------------|--------------|---------------------------------------------|----------------|
| Minimum flow Q_{min} | 10 ltr/h | Maximum gas inlet pressure | 50 mbar |
| Standard flow Q_{stand} | 500 ltr/h | Minimum differential pressure ¹⁾ | 0.2 mbar |
| Maximum flow Q_{max} | 600 ltr/h | Packing liquid quantity, approx. | 8.5 Ltr |
| Measurement accuracy | | Minimum dial division | 0.02 ltr |
| at standard flow | $\pm 0.2 \%$ | Maximum indication value ²⁾ | 99,999,999 ltr |
| Measurement accuracy | | Connection gas in/outlet | Hose barb |
| across measuring range | $\pm 0.5 \%$ | Hose barb outside diameter | 16 mm |
| Measuring drum volume | 5.0 ltr/Rev. | | |

¹⁾Differential pressure (= pressure loss) gas inlet \Rightarrow gas outlet

²⁾Standard Totalizing Roller Counter

Models (materials of construction):

| Model | Casing | Measuring drum | Weight (kg) (without packing liquid) | Max. constant use temperature °Celsius |
|----------|-----------------|----------------|-----------------------------------------|-------------------------------------------|
| 5 | PVC-transparent | PVC-grey | 7.1 | 40 |
| 6 | PP-grey | PP-grey | 4.9 | 80 |
| 7 | PVDF | PVDF | 9.2 | 80 |
| 8 | PE-el | PE-el | 4.9 | 60 |

• **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 **RITTER**.

Standard Equipment:

| | |
|-------------------------------------|--------------------------------|
| 4-Chamber Measuring Drum | Manometer/Thermometer Supports |
| Magnetic Coupling | Viton Sealing |
| Totalizing Roller Counter (8-digit) | Level, Levelling Feet |

Accessories:

- Thermometer (gas), range 0° to +60°C
- Thermometer (packing liquid), range 0° to +60°C
- Manometer, range 10 mbar differential pressure
- Electronic Display Unit, including Interface RS 232 and Analog Output (requires Pulse Generator)

Built-in Options:

- LCD display, resettable, 8-digit (substitutes Totalizing Roller Counter)
- Pulse Generator, standard or Ex-proof version (for connecting Electronic Display Unit/Computer)
- High Precision Liquid Level Indicator (HPLI)