

**Performance Data:**

Minimum flow $Q_{min}$	2 ltr/h	<b>Maximum gas inlet pressure</b>	<b>50 mbar</b>
Standard flow $Q_{stand}$	100 ltr/h	Minimum differential pressure <sup>1)</sup>	0.2 mbar
Maximum flow $Q_{max}$	120 ltr/h	Minimum dial division	0.01 ltr
Measuring accuracy	± 0.2 %	Maximum indication value <sup>2)</sup>	99,999,999 ltr
Packing liquid quantity, approx.	3.0 Ltr	Connection gas in/outlet	Hose barb
Measuring drum volume	1.0 ltr/Rev.	Hose barb outside diameter	16 mm

<sup>1)</sup>Differential pressure (= pressure loss) gas inlet ⇒ gas outlet

<sup>2)</sup>Standard Totalizing Roller Counter

**Models (Materials):**

Model	Casing	Measuring drum	Weight (kg) (without packing liquid)	Max. constant use temperature °Celsius
5	PVC-transparent	PVC-grey	4.3	40
6	PP-grey	PP-grey	3.1	80
7	PVDF	PVDF	5.1	120
8	PE-el	PE-el	3.1	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:**

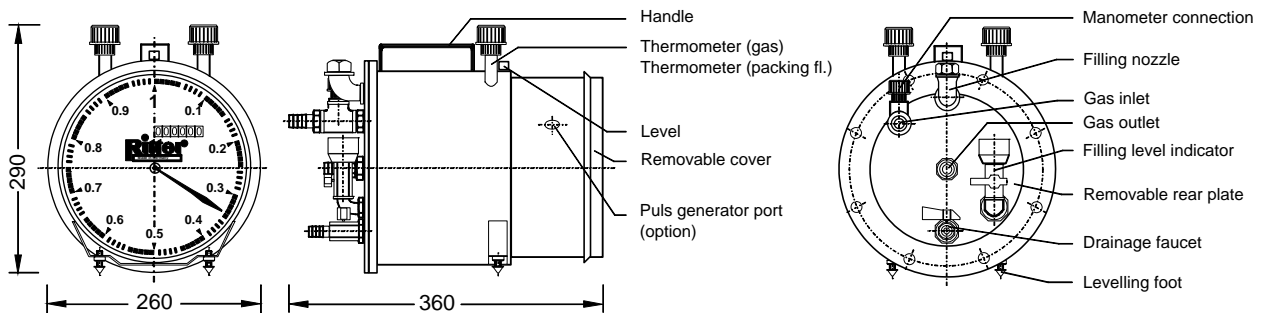
4-Chamber Measuring Drum	Manometer/Thermometer Supports
Magnetic Coupling	Viton Sealing
Totalizing Roller Counter (8-digit)	Level, Levelling Feet

**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)



### Performance Data:

Minimum flow $Q_{min}$	2 ltr/h	<b>Maximum gas inlet pressure</b>	<b>1 bar</b>
Standard flow $Q_{stand}$	100 ltr/h	Minimum differential pressure <sup>1)</sup>	0.2 mbar
Maximum flow $Q_{max}$	120 ltr/h	Minimum dial division	0.01 ltr
Measuring accuracy	± 0.2 %	Maximum indication value <sup>2)</sup>	99,999,999 ltr
Packing liquid quantity, approx.	3 Ltr	Connection gas in/outlet	Hose barb
Measuring drum volume	1.0 ltr/Rev.	Hose barb diameter (external)	12 mm

<sup>1)</sup>Differential pressure (= pressure loss) gas inlet ⇒ gas outlet

<sup>2)</sup>Standard Totalizing Roller Counter

### Models (Materials):

Model	Casing	Measuring drum	Weight (kg) (without packing liquid)	Max. constant use temperature °Celsius
1	Stainless steel	PVC-grey	19.6	40
2	Stainless Steel	PE-el	19.1	60
3	Stainless steel	PP-grey	19.1	80
4	Stainless steel	PVDF	21.2	120

• **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:

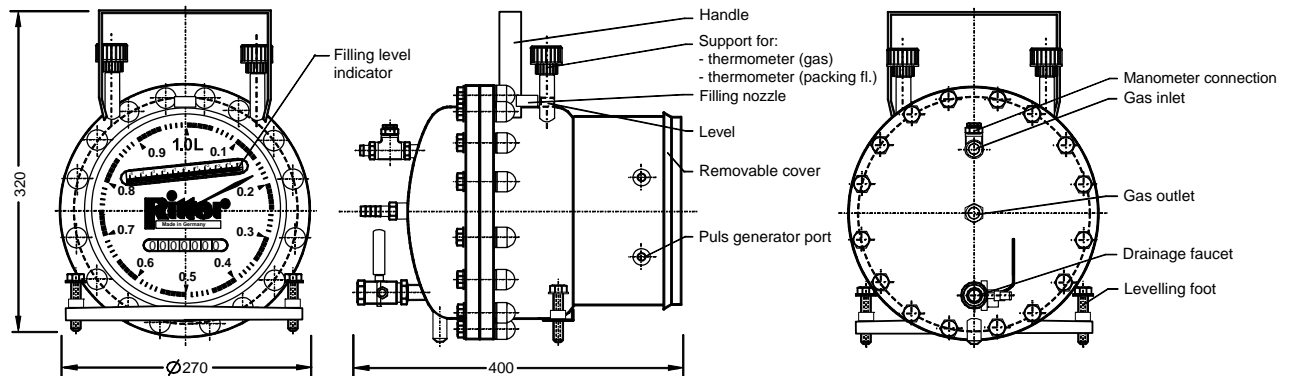
4-Chamber Measuring Drum	Manometer/Thermometer Supports
Magnetic Coupling	Viton Sealing
Totalizing Roller Counter (8 digits)	Level, Levelling Feet

### Accessories:

Thermometer (gas), range 0° to +60°C  
 Thermometer (packing liquid), range 0° to +60°C  
 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)



### Performance Data:

Minimum flow $Q_{min}$	2 ltr/h	<b>Maximum gas inlet pressure</b>	<b>6 bar</b>
Standard flow $Q_{stand}$	100 ltr/h	Minimum differential pressure <sup>1)</sup>	0.2 mbar
Maximum flow $Q_{max}$	120 ltr/h	Minimum dial division	0.01 ltr
Measuring accuracy	± 0.2 %	Maximum indication value <sup>2)</sup>	99,999,999 ltr
Packing liquid quantity, approx.	4 Ltr	Connection gas in/outlet	Hose barb
Measuring drum volume	1.0 ltr/Rev.	Hose barb diameter (external)	12 mm

<sup>1)</sup>Differential pressure (= pressure loss) gas inlet ⇒ gas outlet

<sup>2)</sup>Standard Totalizing Roller Counter

### Models (Materials):

Model	Casing	Measuring drum	Weight (kg) (without packing liquid)	Max. constant use temperature °Celsius
1	Stainless steel	PVC-grey	14.3	40
2	Stainless Steel	PE-el	14.1	60
3	Stainless steel	PP-grey	14.1	80
4	Stainless steel	PVDF	14.7	120

- **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:

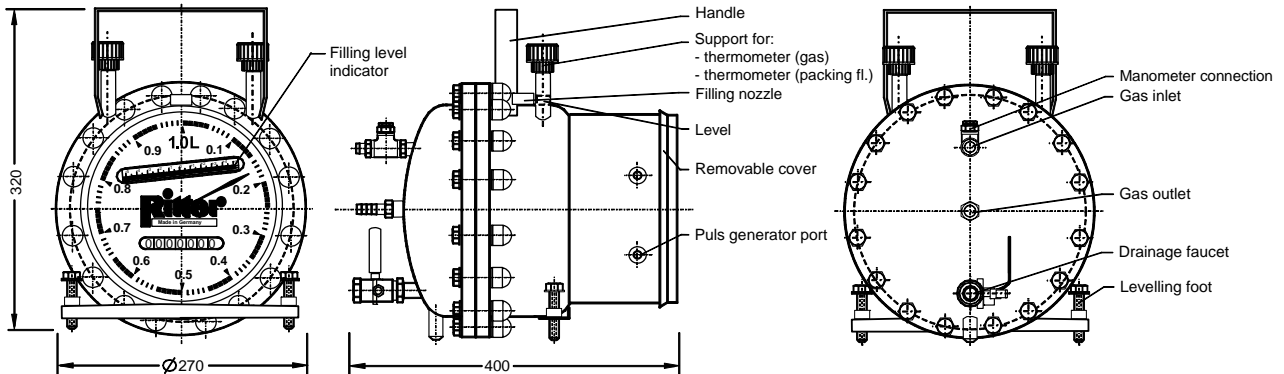
High Precision Liquid Level Indicator (HPLI)	Manometer/Thermometer Supports
4-Chamber Measuring Drum	Viton Sealing
Magnetic Coupling	Level, Levelling Feet
Totalizing Roller Counter (8 digits)	

### Accessories:

- Thermometer (gas), range 0° to +60°C
- Thermometer (packing liquid), range 0° to +60°C
- 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)



**Performance Data:**

Minimum flow $Q_{min}$	2 ltr/h	<b>Maximum gas inlet pressure</b>	<b>6 bar</b>
Standard flow $Q_{stand}$	200 ltr/h	Minimum differential pressure <sup>1)</sup>	0.2 mbar
Maximum flow $Q_{max}$	300 ltr/h	Minimum dial division	0.01 ltr
Measuring accuracy	± 0.2 %	Maximum indication value <sup>2)</sup>	99,999,999 ltr
Packing liquid quantity, approx.	4 Ltr	Connection gas in/outlet	Hose barb
Measuring drum volume	1.0 ltr/Rev.	Hose barb diameter (external)	12 mm

<sup>1)</sup>Differential pressure (= pressure loss) gas inlet ⇒ gas outlet

<sup>2)</sup>Standard Totalizing Roller Counter

**Models (Materials):**

Model	Casing	Measuring drum	Weight (kg) (without packing liquid)	Max. constant use temperature °Celsius
1	Stainless steel	PVC-grey	14.3	40
2	Stainless Steel	PE-el	14.1	60
3	Stainless steel	PP-grey	14.1	80
4	Stainless steel	PVDF	14.7	120

• **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:**

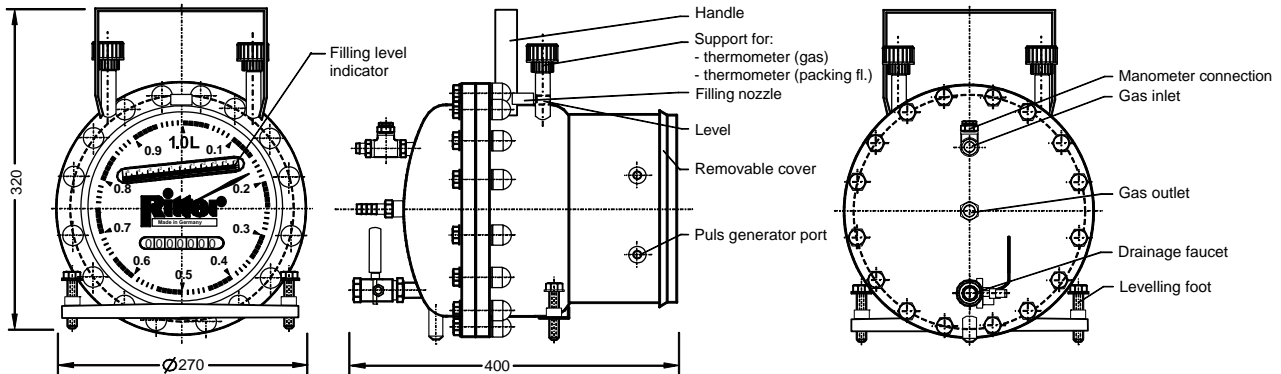
High Precision Liquid Level Indicator (HPLI)	Manometer/Thermometer Supports
4-Chamber Measuring Drum	Viton Sealing
Magnetic Coupling	Level, Levelling Feet
Totalizing Roller Counter (8 digits)	

**Accessories:**

- Thermometer (gas), range 0° to +60°C
- Thermometer (packing liquid), range 0° to +60°C
- 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)



**Performance Data:**

Minimum flow $Q_{min}$	2 ltr/h	<b>Maximum gas inlet pressure</b>	<b>10 bar</b>
Standard flow $Q_{stand}$	100 ltr/h	Minimum differential pressure <sup>1)</sup>	0.2 mbar
Maximum flow $Q_{max}$	120 ltr/h	Minimum dial division	0.01 ltr
Measuring accuracy	± 0.2 %	Maximum indication value <sup>2)</sup>	99,999,999 ltr
Packing liquid quantity, approx.	4 Ltr	Connection gas in/outlet	Hose barb
Measuring drum volume	1.0 ltr/Rev.	Hose barb diameter (external)	12 mm

<sup>1)</sup>Differential pressure (= pressure loss) gas inlet ⇒ gas outlet

<sup>2)</sup>Standard Totalizing Roller Counter

**Models (Materials):**

Model	Casing	Measuring drum	Weight (kg) (without packing liquid)	Max. constant use temperature °Celsius
1	Stainless steel	PVC-grey	14.3	40
2	Stainless Steel	PE-el	14.1	60
3	Stainless steel	PP-grey	14.1	80
4	Stainless steel	PVDF	14.7	120

• **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:**

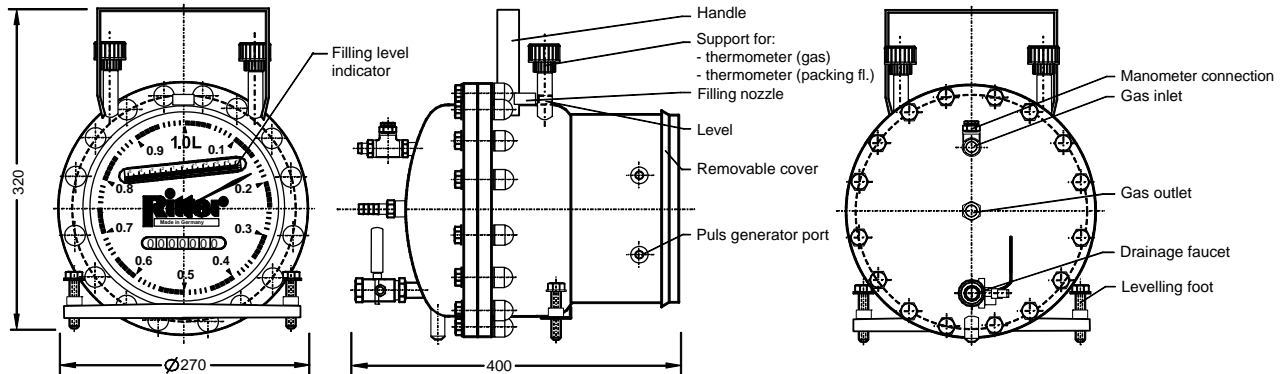
High Precision Liquid Level Indicator (HPLI)	Manometer/Thermometer Supports
4-Chamber Measuring Drum	Viton Sealing
Magnetic Coupling	Level, Levelling Feet
Totalizing Roller Counter (8 digits)	

**Accessories:**

- Thermometer (gas), range 0° to +60°C
- Thermometer (packing liquid), range 0° to +60°C
- 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)



**Performance Data:**

Minimum flow $Q_{min}$	2 ltr/h	<b>Maximum gas inlet pressure</b>	<b>16 bar</b>
Standard flow $Q_{stand}$	100 ltr/h	Minimum differential pressure <sup>1)</sup>	0.2 mbar
Maximum flow $Q_{max}$	120 ltr/h	Minimum dial division	0.01 ltr
Measuring accuracy	± 0.2 %	Maximum indication value <sup>2)</sup>	99,999,999 ltr
Packing liquid quantity, approx.	4 Ltr	Connection gas in/outlet	Hose barb
Measuring drum volume	1.0 ltr/Rev.	Hose barb diameter (external)	12 mm

<sup>1)</sup>Differential pressure (= pressure loss) gas inlet ⇒ gas outlet

<sup>2)</sup>Standard Totalizing Roller Counter

**Models (Materials):**

Model	Casing	Measuring drum	Weight (kg) (without packing liquid)	Max. constant use temperature °Celsius
1	Stainless steel	PVC-grey	14.3	40
2	Stainless Steel	PE-el	14.1	60
3	Stainless steel	PP-grey	14.1	80
4	Stainless steel	PVDF	14.7	120

• **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:**

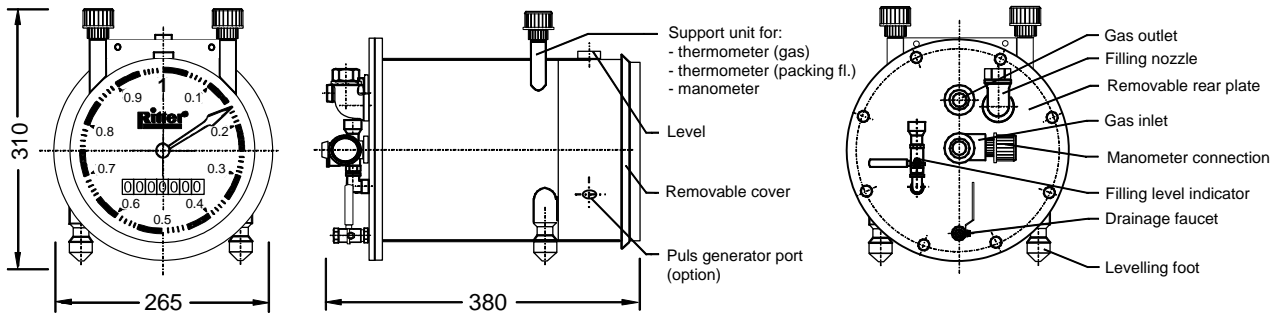
High Precision Liquid Level Indicator (HPLI)	Manometer/Thermometer Supports
4-Chamber Measuring Drum	Viton Sealing
Magnetic Coupling	Level, Levelling Feet
Totalizing Roller Counter (8 digits)	

**Accessories:**

- Thermometer (gas), range 0° to +60°C
- Thermometer (packing liquid), range 0° to +60°C
- 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)



**Performance Data:**

Minimum flow $Q_{min}$	2 ltr/h	<b>Maximum gas inlet pressure</b>	<b>500 mbar</b>
Standard flow $Q_{stand}$	100 ltr/h	Minimum differential pressure <sup>1)</sup>	0.2 mbar
Maximum flow $Q_{max}$	120 ltr/h	Minimum dial division	0.01 ltr
Measuring accuracy	± 0.2 %	Maximum indication value <sup>2)</sup>	99,999,999 ltr
Packing liquid quantity, approx.	3.5 Ltr	Connection gas in/outlet	Hose barb
Measuring drum volume	1.0 ltr/Rev.	Hose barb outside diameter	12 mm

<sup>1)</sup>Differential pressure (= pressure loss) gas inlet ⇒ gas outlet

<sup>2)</sup>Standard Totalizing Roller Counter

**Models (Materials):**

Model	Casing	Measuring drum	Weight (kg) (without packing liquid)	Max. constant use temperature °Celsius
1	Stainless steel	PVC-grey	8.5	40
2	Stainless Steel	PE-el	8.3	60
3	Stainless steel	PP-grey	8.3	80
4	Stainless steel	PVDF	8.9	120

• **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)