



# MULTI-JET DRY RUNNING

Multi-Jet Dry Running measuring principle: Water consumption is measured by a turbine meter.

A jet impeller in the chamber is driven by the incoming water. In this meter, the filter is located at the entrance of the meter, the impurities are filtered out there.

This meter is a dry-running meter; that implies that the water is not in the counting chamber. This makes the meter more resistant to dirtier water. These meters are mainly drinking water meters used both in the domestic and industrial field. (household stables, groundwater etc.)

**Characteristics:**

- ◆ Dry dial water meter
- ◆ Vacuum Sealed
- ◆ CounterRatio R=80 in horizontal position
- ◆ Highly accurate measurement
- ◆ Brass body with epoxy coating\*\*
- ◆ With pulse 1 or 4 pulses /Ltr(\*)
  - ◆ Maximum pressure 16 bar
- ◆ Maximum water temperature 30°C

TECHNICAL DETAILS		NOMINAL SIZE DN (mm)					
		15 (1/2")	20 (3/4")	25 (1")	32 (1-1/4")	40 (1-1/2")	50 (2")
Min. flow (Q1)	l/h	31.25	50	78.75	125	200	312.5
Nominal flow (Q3)	m <sup>3</sup> /h	2.5	4	6.3	10	16	25
Max. flow (Q4)	m <sup>3</sup> /h	3.125	5	7.875	12.5	20	31.25
Start flow approx.	l/h	5	6	8	10	35	40
Min. Reading out	l	0.05	0.05	0.05	0.05	0.05	0.05
Max. Reading out	m <sup>3</sup>	99999	99999	99999	99999	99999	99999
Max. Working pressure	Bar	16	16	16	16	16	16
Flow (q) at 1 bar loss pressure	l/h	3000	5000	7000	12500	24000	32000
Pulses per liter - standard *	puls/l	1 of 4	i of 4	1	1	1	1
L - length watermeter	mm	165	190	260	260	300	300
Schrew-thread couplers	inch	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Schrew-thread watermeter	inch	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"
Weight ex. couplers	Kg	1.4	1.6	2.4	2.4	4.9	6.9
Art.no.	brass**	120030	120032	120034	120036	120038	120040

\* Other pulse value on request: 0,25 / 0,5 / 1 / 2,5 / 5 / 10 / 25 / 50 / 100 / 250 / 500 / 1000 liter

2 identical or 2 different pulse values possible on 1 meter

\*\* Some models available in stainless steel on request

The Multi-Jet water meters meet the following standards or have the following certificates respectively:

Recommendation OIML R49-1 of 2013 for water meters, designated for measuring cold drinking water | Directive 2014/32/eu of the European Parliament and of the council of 26 february 2014





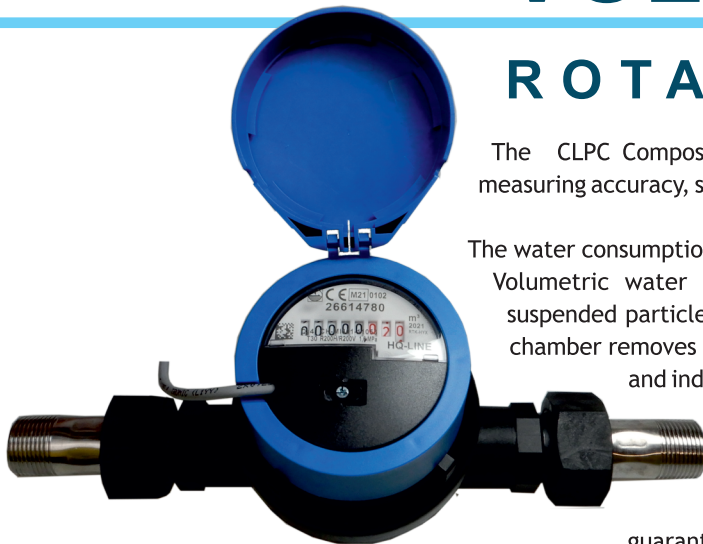
# VOLUMETRICAL ROTARY METERING

The CLPC Composite meter for cold water is convincing by highest measuring accuracy, solid processing quality and robustness.

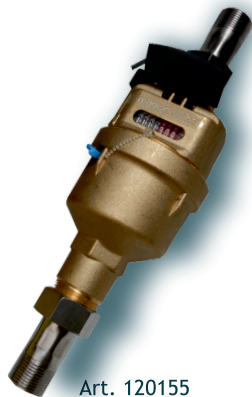
The water consumption is measured by means of a rotary metering cylinder. Volumetric water meters are very accurate but more sensitive to suspended particles in the water. A filter at the input of the measuring chamber removes impurities from the water. Suitable for both domestic and industrial use. (control metering pumps, bores etc.)

The low starting flow rate of 1 or 2 litres/hour ensures measurement of the smallest amounts of water. Its highly precise measuring characteristic guarantees long-lasting reliability and efficiency.

The CLPC water meter is available in different lengths, with various thread connections and can be installed either horizontally or vertically.



Art. 120150  
Art. 120154



Art. 120155



Art. 120156-S

### Characteristics:

- ◆ Rotary measuring cylinder
- ◆ Low starting flow
- ◆ Ratio R=160 in horizontal position
  - ◆ Highly accurate measurement
- ◆ With pulse 1, 2 or 10 pulses /Ltr
  - ◆ Maximum pressure 16 bar
- ◆ Maximum water temperature 30°C
- ◆ Stainless steel couplings standard

TECHNICAL DETAILS		NOMINAL SIZE DN (mm)			
		8 (1/2")	15 (1/2")	20 (3/4")	20 (3/4")
Min. flow (Q1)	l/h	1	2	2	5
Nominal flow (Q3)	m <sup>3</sup> /h	1	2.5	4	4
Max. flow (Q4)	m <sup>3</sup> /h	1.2	5.1	6.4	5
Start flow approx	l/h**	1	2	2	5
Pulses per liter	puls/l	10	1	1	2
Length watermeter (ex couplers)	mm	110	110	190	190
Hight watermeter	mm	102	129	129	90
Schrew-thread couplers	inch	1/2"	1/2"	3/4"	3/4"
Schrew-thread watermeter	inch	3/4"	3/4"	1"	1"
Weight ex. koppelingen	Kg	0,67	0,50	0,59	1,4
Body material		St.Steel	Composite	Composite	Brass
Art.no.		120156-S	120150	120154	120155

The CLPC Meter COMPOSITE meets the following standards or, respectively has the following certificates: EC-Type examination certificate 2004/22/EC (MID) European Standard EN 14154 | 2007 for water meters - Acoustic Group I acc. to EN ISO 3822-1:1999 Recommendation OIML R49 for water meters, designated for measuring cold drinking water | International Standard ISO 4064 for cold drinking water meters KTW approval (Germany) ACS approval (France)

