

# Multi-Jet Smart Meter

BECO L





Combining cutting-edge multi-jet technology with robust craftsmanship, it ensures unparalleled accuracy across diverse flow rates. Crafted from premium materials, its durable design withstands harsh conditions while maintaining seamless performance.

## High-Precision

Achieves an impressive R160 ratio with unparalleled accuracy and measurement stability, setting new benchmarks in precision. Fully compliant with ISO 4064 international standards, it ensures reliable performance across diverse operational parameters.

## IoT Ready

Equipped with a retrofit unit, this multi-jet water meter enables LoRaWAN communication. The compact integration ensures minimal structural modification while leveraging long-range, low-power LoRaWAN for stable data transmission, redefining smart metering efficiency.





**COVER**

Upgraded ASA material with advanced UV stabilization technology.

**Metering Mechanism**

A precision-engineered multi-jet impeller system with sapphire bearings, achieving R160 rangeability.

**BODY**

Premium PA66 engineering plastic, ensures exceptional chemical resistance, impact durability, and dimensional stability.

**INDICATOR**

Display the cumulative water consumption.

**STRAINER**

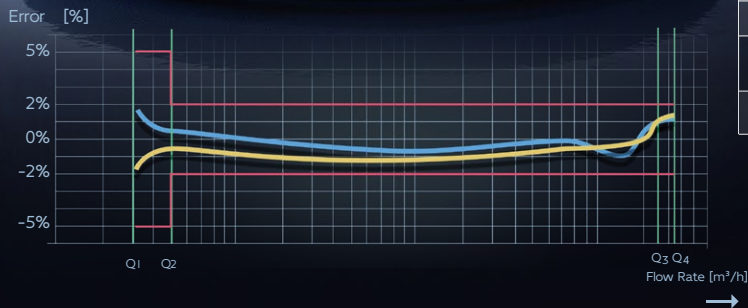
Designed to block foreign objects from infiltrating the water meter.

**SECTIONAL VIEW**

# TECHNICAL SPECIFICATION



BECO L Water Meter Accuracy Curve



Model	BECO L - 15	BECO L - 20	BECO L - 25	BECO L - 32	BECO L - 40
Pipe Diameter	DN15	DN20	DN25	DN32	DN40
Q1 (m <sup>3</sup> /h)	0.0156	0.025	0.0394	0.0625	0.1
Q3 (m <sup>3</sup> /h)	2.5	4.0	6.3	10	16
Q4 (m <sup>3</sup> /h)	3.125	5.0	7.875	12.5	20
Connection	G <sup>3</sup> / <sub>4</sub> '	G1'	G1 <sup>1</sup> / <sub>2</sub> '	G1 <sup>1</sup> / <sub>2</sub> '	G2'
Length (mm)	165	195	225	230	245
Width (mm)	90	90	103	103	114
Height (mm)	110	110	145	145	177
Temperature	T30				
Materials	Engineering plastic				
Metrological Class	Class 2				
Maximum Operation Pressure	1.6 MPa				
Pressure Loss	ΔP < 63kPa				
Protection Class	IP68				
R(Q3/Q1)	160				
Environmental Requirement	Environmental Class: E1, M1, B				
Interface & Communication	<ul style="list-style-type: none"> <li>● LoRaWAN</li> <li>● NB-IoT</li> <li>● 4G</li> </ul>				
Installation	H				
Display and Indication	<ul style="list-style-type: none"> <li>● Minimum reading 0.00005m<sup>3</sup></li> <li>● Maximum reading: 99999m<sup>3</sup></li> </ul>				
Standard Compliance	<ul style="list-style-type: none"> <li>● ISO4064</li> <li>● OIML R49</li> </ul>				

# Creating an **Eco** Society

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\*The images in the file are only for showcasing technological effects, and the actual product shall prevail.