



HYDRO-BIOS

Smart Sampling

Datasheet Flow Meter (mech.) with back run stop (438 115)



mechanical counter with back run stop

to quantify water filtered by plankton nets. The main application of the Mechanical Flow Meter is the determination of the amount of water passing through a plankton net. Additionally it may be used in stationary applications such as flow monitoring of rivers and outfalls. They use a three-blade impeller, directly coupled to a five-digit counter which records the revolutions of the impeller.

DESCRIPTION

For vertical operation use this version with back-run stop.

TECHNICAL DETAILS

length	205 mm
diameter	Impeller 75 mm
weight on air	145 g
materials	plastic, titanium
measuring range	0.3...10 m/s ± 5% in the range 0.6...10 m/s, ± 10% in the range 0.3...0.6 m/s
product ID	438 115



CHARACTERISTICS

- Hydraulic pitch 0.3 m per revolution
- Range of counter 99999 revolutions