

WATER VELOCITY METER

FC300X

A water velocity instrument for measuring flows in open channels.



KEY FEATURES

- Ancillary to TecEquipment’s FC300 series water channels
- Flow rate read from a battery-operated digital display

DESCRIPTION

The water velocity meter is an ancillary for use with TecEquipment’s FC300 flow channel range. It is used to measure flow at any point along the flow channel.

The water velocity meter consists of an impeller that is rotated by the flow. The speed that the impeller turns at is proportional to the water flow velocity; this velocity is read directly from a battery-powered, hand-held digital display.

STANDARD FEATURES

- Five-year warranty
- Manufactured in accordance with the latest European Union directives
- ISO9001 certified manufacturer

ESSENTIAL BASE UNIT

- Flume (FC300)

ANCILLARY FOR

- Instrument carrier (FC300ic)
- Digital instrument carrier (FC300ic2)

OPERATING CONDITIONS

OPERATING ENVIRONMENT:

Laboratory

OPERATING TEMPERATURE RANGE:

5°C to 40°C

OPERATING RELATIVE HUMIDITY RANGE:

80% for temperatures up to 31°C, decreasing linearly to 50% relative humidity at 40°C

PROBE SPECIFICATIONS

TecEquipment is committed to a programme of continuous improvement; hence we reserve the right to alter the design of a product specification without prior notice.

MEASURING RANGE:

0.02 – 5 m.s⁻¹

ACCURACY:

± 2.0 % of full scale
± 3.0 % of reading

HEAD DIMENSIONS:

Diameter 22 x 28 mm

ACCESS OPENING:

35 mm