

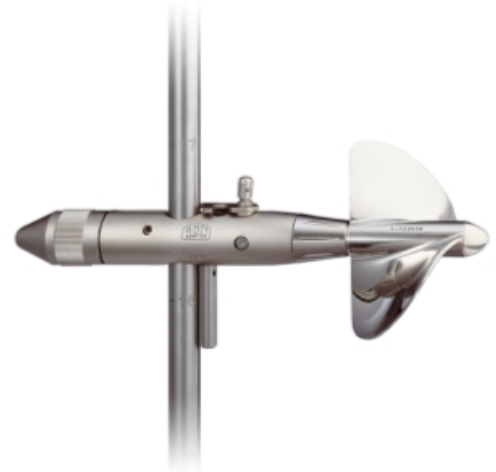
OTT C31 Universal Current Meter

Description

The original C31 OTT Current Meters set the standard for flow measurement in rivers, open canals, etc. and without them hydrometry is not imaginable.

OTT Current meters mean thousandfold proven quality, precision and reliability - worldwide for decades. The rotation rate of the precisely calibrated propeller is proportional to water velocity.

- C31 Universal Current Meter is designed for flow metering in combination with hand-held wading rods or cable suspended from a bridge or boat. Different accessories like sounding weights (middle pieces), sounding reels (winches), cable ways etc. allow the setup of a complete flow monitoring station.



Advantages

- Cost reduction owing to low maintenance requirements and simple, inexpensive handling.
- The robust construction and high-quality materials allow operation even under difficult conditions with high accuracy.
- Low starting speed due to robust ball bearings.
- Reinforced meter spindle

Examples of use

The OTT Universal Current Meter C31 is used for measurement of water velocity:

- Universal application on different fixing devices, as rod-mounted current meter or as suspended version with single-drum winch in combination with a bridge jib/measurement trolley or with double-drum winch in combination with a cable-way installation.
- Calibration and cyclical control of flow velocity and discharge measuring equipments.
- Efficiency tests of power station turbines (cross brace).

Technical Data

Flow velocity	from 0.025 m/s to 10 m/s
Current meter	1 pulse/revolution
reed relay contact	lifetime > 1 million contacts switches
Operating voltage range	max. 9V DC
Magnetic switch	pressure-tight up to 30bar
Material- meter body	brass - gal Ni 8mt
Material - propellor	gal Ni 12 high gloss alternative -plastic - Hostaform C , yellow
Size dia. x length up to tip of propeller	ø35 x 310mm
Weight w/o propellor	1.26 kg