

Rod Held Current Meter RHCM

Portable flow velocity indicator

ABOUT

This portable device is a point-by-point measuring instrument for **assessing the current speeds in running waters**. The RHCM consists of a hydrometric three-blade impeller at the lower end of a telescopic rod and a splash-proof Hand Terminal.

The measuring head can be angled up to $\pm 90^\circ$.

The measuring values are displayed together with a date and time stamp on a hand terminal. They can be stored and transferred to a PC by means of the software OceanLab 3.

At the PC the measuring files are stored in ASCII format for processing with current word processing, spread sheet and database software.

OPTIONS

- Data memory up to 4 MByte
- Mains supply circuit
- Submerging depth of the measuring head up to 100 meters using a cable (without Telescopic Rod).



TECHNICAL DATA

Measuring range	0.100 ... 9.999 m/s
Resolution	0.001 m/s
Accuracy	$\pm 1\%$ (0.50 ... 9.99 m/s) $\pm 5\%$ (0.10 ... 0.499 m/s)
Measuring cycle	5 to 30 s (user adjustable)
Memory	4000 measuring values
Ambient temperature	0°C ... 50°C
Submerging depth of measuring head	10 m
Hand Terminal	splash-proof IP 65
EC-Conformity (CE)	EN 50081-1, EN 50082-1
Power supply	Battery 9 V (PP3) or external: 7...12 V, max.12 mA

ORDERING INFORMATION

Products	
445 500	Rod Held Current Meter RHCM with telescopic rod 3 x 90 cm (270 cm)
445 515	Rod Held Current Meter RHCM with telescopic rod 3 x 150 cm (450 cm)