

# Rod Held Current Meter RHCM

This portable device is a point-by-point measuring instrument for assessing the current speeds in running waters. The RHCM consists of a hydrometric vane 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 and stored on a hand terminal, and the stored values transferred to a PC by means of the software HydroLink® (included).

At the PC the measuring files are stored in ANSI format and thus are accessible for evaluation and processing by current word processing, spread sheet and database software.

## Options:

Stationary operation with direct connection to PC or data memory.

Data Memory up to 1,000,000 measuring values.

Telescopic Rod up to 4.5 metres length.



## Technical data:

Measuring range	0.10 ... 9.99 m/s
Resolution	0.01 m/s
Accuracy	$\pm 5\%$ (0.10 ... 0.49 m/s) $\pm 1\%$ (0.50 ... 9.99 m/s)
Memory:	4.000 measuring values
Ambient temperature:	0 - 50°C
Protection type Hand Terminal:	IP 65
EC-Conformity (CE)	EN 50081-1, EN 50082-1
Measuring cycle:	14 s
Data conservation:	100 years
Power supply:	Internal: Battery 9 V (PP3) or External: 7...12 V, max. 12 mA

## Ordering Information:

<b>445 500</b>	<b>Rod Held Current Meter RHCM</b> with telescopic rod 2 x 110 cm (220 cm)
<b>445 505</b>	<b>Rod Held Current Meter RHCM</b> with telescopic rod 3 x 100 cm (300 cm)
<b>445 510</b>	<b>Rod Held Current Meter RHCM</b> with telescopic rod 3 x 133 cm (399 cm)
<b>445 515</b>	<b>Rod Held Current Meter RHCM</b> with telescopic rod 3 x 150 cm (450 cm)



## PC System Minimum Requirements:

Pentium PC 166 MHz, 16 MB Ram  
5 MB free space on hard disc drive  
1 free serial port (COM-Port)  
VGA graphics 640 x 480 Pixel/16 Colours  
CD-Rom double speed  
Windows 95/98/NT

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