

## HANDHELD ANEMOMETER RVM 160



### Main features:

- Lightweight, portable digital anemometer, measuring wind speed
- Quality construction: anodised aluminium, ball bearings
- Type calibrated in wind tunnel
- Long battery life, auto power-off
- Illuminated LC wind speed display
- RS 232 data transmission as an option
- Suitable for military, coast guard, firemen, construction workers, sports, etc.

Handheld anemometer RVM 160 is truly portable, easy to use electronic – mechanical device for wind measurements. It is used in all cases, where other instruments, due to their design, weight or dimensions, are unsuitable.

System for measuring wind speed is optoelectronic, with 3-cup Robinson's cross and digital liquid crystal display. Wind speed is sampled in 1-second intervals. Four AA-type (R6) batteries located in a handle power the electronics. Automatic power-off circuit switches the instrument off, when cup assembly is not rotating for more than 4 minutes. As an option, wind speed data can be transmitted to the external device each second by RS 232 serial port.

RVM 160 can be set to measure wind speed in m/s, km/h, knots, or mph. Wind speed unit can be selected by the user.

Lid of a handle has standard 1/4" nut to enable the attachment of the device to the standard photographic tripod.

A case is provided for transport and storage of RVM 160.

## TECHNICAL DATA

	WIND SPEED	WIND DIRECTION
<b>Measuring ranges</b>	0 m/s – 70 m/s 0 kn – 99.9 kn 0 kn – 150 kn	
<b>Starting speed</b>	0.5 m/s	
<b>Accuracy and linearity</b>	+/- 0.5 m/s	
<b>Resolution</b>	0.1 m/s 0.1 kn (0-99.9 kn) or 1 kn (0-150 kn)	
<b>Measuring system</b>	optoelectronic	
<b>Indication</b>	liquid crystal display	
<b>Power supply</b>	4 * 1.5 V AA batteries, 5 mA, 25 mA with display illumination	
<b>Automatic power down</b>	4 minutes (different intervals may be required)	
<b>Battery life</b>	70 hours (15 hours with display illumination)	
<b>Dimensions</b>	200 mm (H) * 150 mm (DIA)	
<b>Carrying case</b>	365 mm (L) * 260 mm (W) * 150 mm (H)	
<b>Weight</b>	0.3 kg instrument, 3 kg instrument with case	
<b>Operating temperature</b>	-20°C ... +40°C	

### Ordering information:

RVM 160	standard instrument
RVM 160/T	with RS 232 data transmission