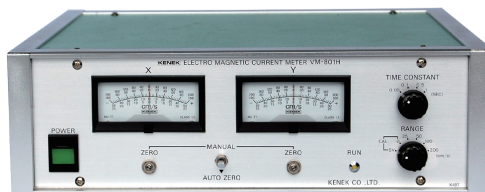




two-dimensional Electromagnetic Current Meter

Main Unit VM-801HN(-USB) Detector VMT2-200-04P(PL)
VM-802HN(-USB) VMT2-200-06P(PL)
VMT2-200-08P(PL)

Don't block water current
Ideal for hydraulic experiments



VM-801HN



VM-802HN



VMT2-200-04P VMT2-200-04PL

Ultra-small detector

Ultra-small detector minimizes water current turbulence.

Fast response time

The fastest response time is 0.05 seconds, so it is ideal for wave experiments.

Measurement range

4 measurement ranges can be selected. High-precision measuring is possible. (25/50/100/200 cm/s)

Auto zero function

In addition to zero adjustment by volume, it has a one-touch auto zero function.

Low noise & high accuracy

Noise is ± 5 mm/s
Measurement accuracy within $\pm 2\%$ /F.S.
High resolution with 5V/F.S.

No moving parts

The detector has no moving parts. Stable measurement is possible for a long time

[Specifications]

Main unit :	VM-801HN	VM-802HN
Channel	1channel	2channels (Switchable with two detectors)
Measurement direction	2-axes /4-directions	
Measurement range	$\pm 25\text{cm/s}$, $\pm 50\text{cm/s}$, $\pm 100\text{cm/s}$, $\pm 200\text{cm/s}$ (4 range switching)	
Precision	$\pm 2\%$ /F.S.	
Response time	0.05s, 0.1s, 0.5s, 1s (4 range switching)	
Noise	$\pm 5\text{mm/s}$	
Voltage output	$\pm 5\text{V}$ /F.S.	
CAL output	0V, 5V	
Output display	1.5-class analog meter	
Zero adjustment	Manual : Adjustment by multi-turn trimmer Auto : Adjustment with one-touch switch (With external control, Operating signal: falling edge)	
Operating conditions	0 - 40°C, 20 - 80 % RH (without condensation)	
Power source	AC100V $\pm 10\%$ 21VA (50 or 60Hz)	
External dimensions	316W x 100H x 300D mm (protruding parts not included)	436W x 100H x 300D mm (protruding parts not included)
Weight	Approx.3.5kg	Approx.4.8kg

Detector : VMT2-200-04P(PL)、VMT2-200-06P(PL)、VMT2-200-08P(PL)

Water quality	Tap water, industrial water, rain water, river water, or lake water
Pressure resistance	196kPa (2 atmospheric pressure)
Operating temperature	0 - 40°C (without freezing)
External dimensions	See the external view
Weight	Approx.160g
Connection cable	10m (Standard) (Option : Max.50m)

[Standard accessories]

Main unit

Power cable	3m	1
Output cable (BNC~BNC)	1.5m	2
Fuse (1A)		2
Driver for adjustment		1
Ground wire	10m	1
Instruction manual		1

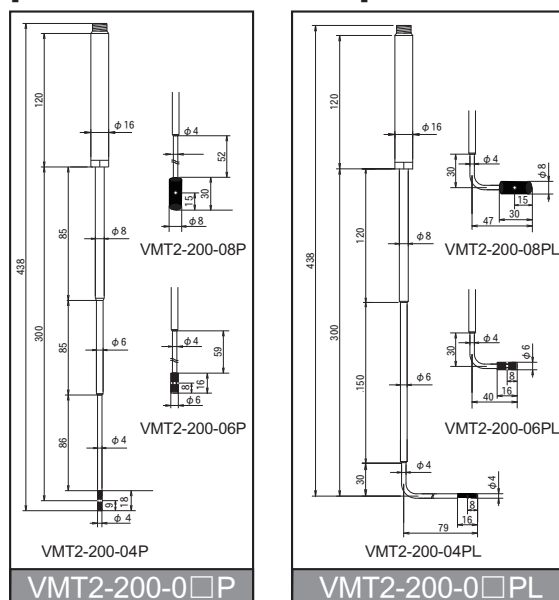
Detector

Connection cable	10m	1
Mounting bracket		1
Certificate of inspection		1
Wooden box		1

Option

Didital output (USB) (VM-801HN-USB/VM-802HN-USB)	
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[External view of detector]



* The contents of this catalog are subject to change without notice.

CAT.No.211126

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