



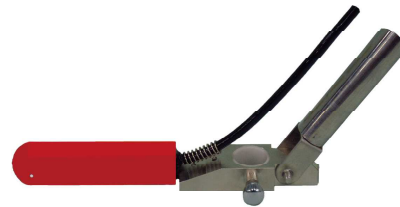
Portable electromagnetic current meter

MODEL LP40 LPT-425

An electromagnetic current meter
that can be used in any place.



LP40 type Main unit



LPT-425 type Detector unit

1. Our easy-to-use portable current meter was further improved to cover a wider range of measuring situations.
2. Designed to meet the specifications for the CERES current meter certification (optional).

Accessories

Strap 1	Support pipe:expandable, max. length approximately 1.1m 1
Instruction manual 1	Mounting fitting 1
Calibration chart 1	AA battery 4

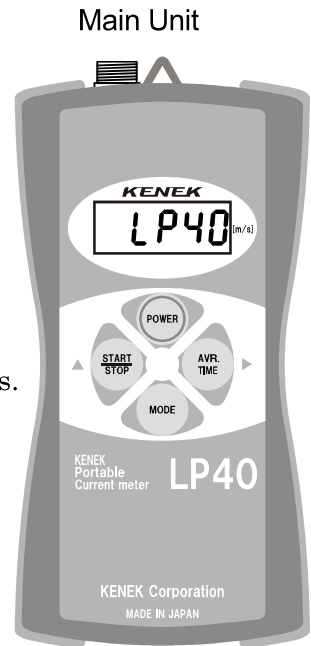
Options :To be purchased separately

*Optional cable length	*Multi-vane set
LPT-425-05 : 5m	Current vane LPF02 1
LPT-425-10 :10m	Suspending fitting LPW19 1
LPT-425-20 :20m	Weight :5kg WG05 1
LPT-425-30 :30m	Rope 20m 1
*Other items	
CERES certification :Official test	
Extension pipe : ϕ 19mm	
LT-19B、LT-19C	
Storage case	

[Standard specifications]

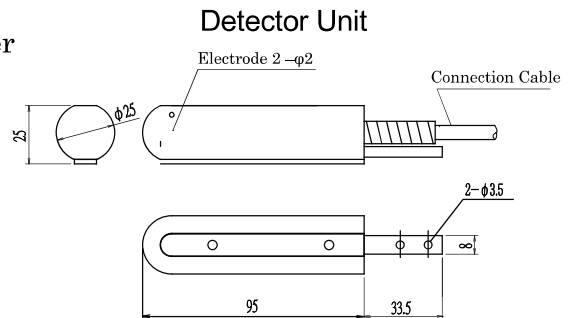
Main unit: Model LP40

Measuring direction	One axis, One way
Measuring scope	0 – +4m/s
Measuring range	Automatic range switching : 0 –2m/s or 2 – 4m/s
Measuring accuracy	0 –1m/s ± 2cm/s, 1 –2m/s ± 4cm/s 2 –4m/s ± 8cm/s
Noise	Within ± 0.005m/s as converted to current velocity values
Response time	0.5 sec
Average time	1, 5, 10, 20, 40 or 60 sec Time changes every time the AVR key is pressed.
Display	LCD 4 digits :Indicates current velocity as 0.000m/s.
Zero point adjustment	Automatic zero point adjustment feature With zero point keeping feature
Operating environment	Temperature:0 - +40°C, RH: 20 –80% :No condensation
Power source	4 × AA battery
Continuous operating hours	6.5 hours or more with a new AA batteries
Automatic power off	5 or 10minites
Dimensions	100 W ×190 H × 45 D mm : Excluding protruding parts
Weight	Approximately 410g : Including batteries
Construction	Splash-proof construction : IP 65



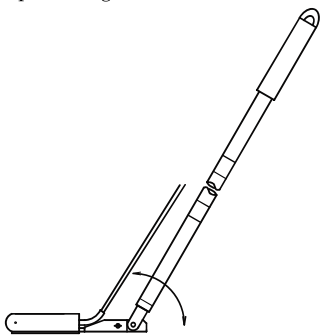
Detector unit: Model LPT-425

Water quality	Tap water, Industrial water, Rain water
Waterproof and pressure resistant	Waterproof and pressure resistant under 20m deep water :Approximately 200kPa
Water temperature range	0 - +40°C:No freezing
Min. water depth for measurement	2.5cm
Dimension	φ25 × 95mm :Excluding fittings
Weight	Approximately 200g :Excluding optional fittings
Connection cable	Direct connection cable 2m Standard

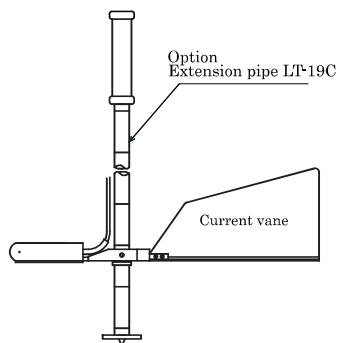


Combination diagram of detector units per applications :Options must be purchased separately.

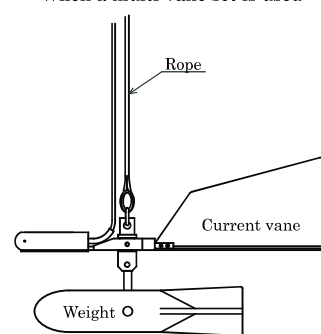
When the detector unit cannot be inserted vertically such as in a plumbing drain.



Relatively shallow water such as rivers and artificial ditches



When measurement is made from a bridge or on a boat on large rivers
*When a multi-vane set is used



Note: The contents of this catalog are subject to change without prior notice for product improvement.

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