

# 35 WATER QUALITY INSPECTION METER FOR HEAVY METAL DRAINAGE **HM-V1**

## Water quality inspection in Plating, Etching Process

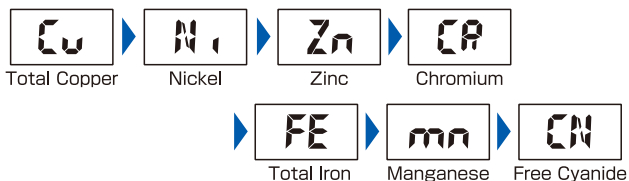
7 Parameters. measurement



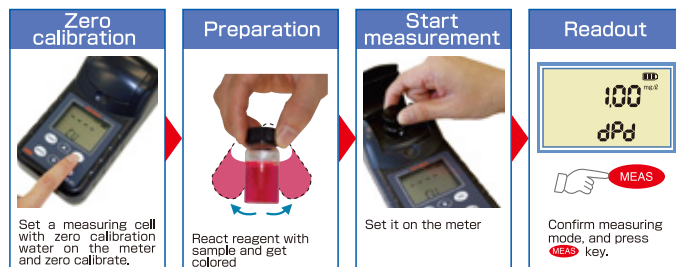
### Possible to measure 7-Items with just Single Instrument

Copper, Nickel, Zinc, Chromium Hexavalent, Iron, Manganese, Free Cyanide

Measuring Mode changes like below

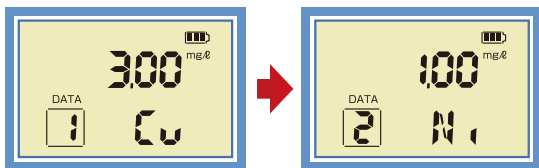


### Measuring Operation



### With Memory Function

Max. 19 Data is memorized, possible to call back by using ▲ and ▼ keys.



### Simplified Measuring Operation



Measurement by 3 key operation  
Zero calibration is OK  
by pressing **CAL** key.

### Specifications

Product Name	Multi-Parameters, Water Quality Inspection Meter
Model	HM-V1
Measuring Object	Cu, Ni <sup>2+</sup> , Zn <sup>2+</sup> , Cr <sup>6+</sup> , Fe, Mn <sup>2+</sup> , CN <sup>-</sup>
Measuring Range	<b>Cu : Total copper</b> 0.00~2.00mg/ℓ <b>Ni : Nickel</b> 0.0 ~10.0mg/ℓ <b>Zn : Zinc</b> 0.0 ~2.0mg/ℓ <b>Cr : Chromium</b> 0.00~2.00mg/ℓ <b>Fe : Total Iron</b> 0.00~5.00mg/ℓ <b>Mn : Manganese</b> 0.0 ~20.0mg/ℓ <b>CN : Free cyanide</b> 0.00~1.00mg/ℓ
Memory Function	20 Data memorized
Self Diagnosis	Battery Voltage Check, CAL ERR, Scale Over, etc.
Power Supply	Alkaline Battery LR03×4 (DC 6V)
Dimension & Weight	88(W)×174(H)×65(D)mm, Approx 200g
Standard Components	Meter, Measuring Cell, Spoit, Carrying Case,
Optional Accessories	Measuring Reagents ※Please select the Reagent in ordering

### Table for Measuring Item, Measuring Range and Reagent

Item	Measuring object	Range	Reagent kind	tests/Q, ty
Cu	Total copper	0~2mg/ℓ	Cu-RA	50/1
Ni <sup>2+</sup>	Nickel	0~10mg/ℓ	Ni-V1-RA	50/1
Zn <sup>2+</sup>	Zinc	0~2mg/ℓ	Zn-V1-RA/RB	50/1
Cr <sup>6+</sup>	Chromium hexad	0~2mg/ℓ	Cr-RA	50/1
Fe	Total iron	0~5mg/ℓ	Fe-T-RA/RB	50/1
Mn <sup>2+</sup>	Manganese	0~20mg/ℓ	Mn-RA, Mn-RB	50/1
CN <sup>-</sup>	Free cyanide	0~1mg/ℓ	CN-RA/RB	50/1