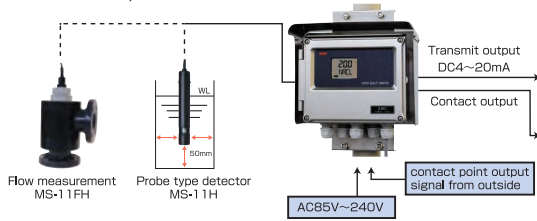


# EMC/EC

## 10 EMC-700 Electro-Magnetic Density Monitor



- Capable of density Measurement of every kind of chemical solution Acid, Alkali, such as Sulfuric Acid, Hydrochloric Acid, Nitric Acid, NaOH, KOH, Sodium Carbonate, etc.



### Meter

Name of product	Electro-Magnetic Density Monitor
Model	EMC-700
Measuring principle	Electro-Magnetic Induction System
Measuring objects	Please specify the object (NaCl, KCl, NaCO <sub>3</sub> , HCl, HNO <sub>3</sub> , H <sub>2</sub> SO <sub>4</sub> , HF, etc...)
Measuring Range	Weight percentage:0~25% (or g/ℓ) Electrical conductivity:0~200mS/cm
Accuracy	Within ±2% (at F.S.)
Transmit output	DC 4~20mA (isolated type) 3 range
Contact output	High & Low limit each a contact (no-voltage)
Hold output	Transmit output and contact output are held on maintenance
Power supply	AC 85~240V 50/60Hz
Optional accessories	50A Pole stand, Sunshade cover

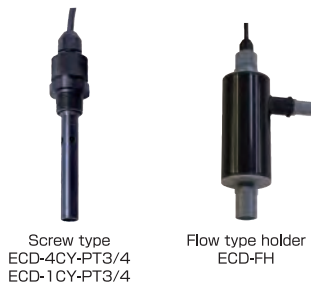
### Detector

Product name	Electro-Magnetic Density Detector
Model	MS-11 (Standard Type) MS-1 1H (Immersive Type) MS-1 1FH (Flow Type)
Outer dimensions	φ40×257mm
Material	PVC (Black)
Cable	5m standard

## 11 EC-700 Conductivity Monitor



- Excellent chemical resistant Conductivity Electrode
- Measurement of SI unit and old unit shifting is possible SI unit (mS/m, S/m) and old unit (mS/cm) can be shifted and measured.



### Meter

Name of product	Field installation high density type Electrical Conductivity Monitor	Field installation low density type Electrical Conductivity Monitor
Model	Meter:EC-700-H Electrode:ECD-4CY	Meter:EC-700-L Electrode:ECD-1CY
Measuring principle	AC 2 Electrode System	
Display	LCD 4 digits (With a back light)	
Measuring range	EC:0~20 S/m (0~200mS/cm)	EC:0~2 S/m (0~20mS/cm)
	Temperature:0~100°C	Temperature:0~100°C
Repeatability	Within ±2% (at F.S.)	
Transmit output	DC 4~20mA (insulation type) 3 range switching ※temperature is only display	
Contact output	High & Low limit each a contact point (no-voltage)	
Hold output	Transmit output and contact output are held on condition of the following. ① At the time of "Mainte" key operation ② Inputting non-voltage contact signals from outside.	

### Detector

Product name	High density type electrical conductivity electrode	Low density type electrical conductivity electrode
Model	ECD-4CY	ECD-1CY
Standard type	ECD-4CY-PT3/4	ECD-1CY-PT3/4
Screw-in type	ECD-4CY-PT3/4 + ECD-FH	ECD-1CY-PT3/4 + ECD-FH
Flow-through type	ECD-4CY-F	ECD-1CY-F
Cell constant	θ=400m <sup>-1</sup> (4.0cm <sup>-1</sup> )	θ=100m <sup>-1</sup> (1.0cm <sup>-1</sup> )
Measurement condition	Temperature: Within 0~80°C	