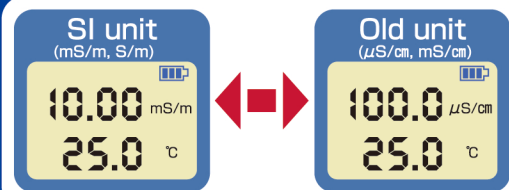


# 10 ELECTRIC CONDUCTIVITY METER **EC-5Z**

## High Chemical Proof Carbon Electrode Type, Electric Conductivity Sensor



### Convenient Switch Function of SI Unit and Conventional Unit



### Possible to measure Electric Conductivity, Salt Density, and Temperature

Sensitive EC Sensor of measuring from Low to High Density

### Measuring Outline

This Electric Conductivity Sensor with Carbon Electrode which is good at Chemical-Proof such as PPS etc. and whose Liquid Junction is good at various Temperature. Possible to measure Electric Conductivity of Liquid from Low to High Density. Therefore, it is widely used in the wide Range of Water Quality such as Chemical Density of Various Plants, Plagriculture, Industry, Rivers and Drainage.

### Specifications

Product Name	Conductivity Meter	
Model	EC-5Z-H(For high density)	EC-5Z-L(For Low Density)
Std. Electrode	ECD-4C(Cell Constant : 400m <sup>-1</sup> ) ※Conventional unit : 4.0cm <sup>-1</sup>	ECD-1C(Cell Constant : 100m <sup>-1</sup> ) ※Conventional Unit : 1.0cm <sup>-1</sup>
Method	AC 2 Electrode System	
Display	LCD 4 digits 2 stages (Upper : Conductivity : lower : TEMP)	
Measuring Range	①0~20 S/m : SI Unit ②0~200 mS/cm : Old Unit ③0~10% NaC ℓ ④0~100℃	①0~2 S/m : SI Unit ②0~20mS/cm : Old Unit ③0~1.2% NaC ℓ ④0~100℃
Display Range (Resolution)	①SI Unit conductivity 0.0~999 mS/m 1.000~9.999 S/m 10.00~20.00 S/m ②Old Unit Conductivity 0.0~999 mS/cm 1.000~9.999 mS/cm 10.00~99.99 mS/cm 100.0~200.0 mS/cm ③Salinity : 0.00~10.00 NaC ℓ ④Temp : 0.0~100℃	①SI Unit conductivity 0.0~99.99 mS/m 100.0~9.999 mS/m 1.000~2.000 S/m ②Old Unit Conductivity 0.0~999.9 µS/m 1.000~9.999 mS/cm 10.00~20.00 mS/cm ③Salinity : 0.00~1.20 NaC ℓ ④Temp : 0.0 ~ 100℃
Power Supply	Alkaline battery LR03×3 (DC4.5V) Auto power off after 30 minutes	
Dimensions & Weight	Meter : 75(W)×38(H)×180(D)mm Approx. 300g	
Standard Components	Instrument, Detector, Carrying case	

### Detector

Model	ECD-4C(For high density)	ECD-1C(For low density)
Cell constant	400m <sup>-1</sup> (SI Unit) 4.0cm <sup>-1</sup> (Old Unit)	100m <sup>-1</sup> (SI Unit) 1.0cm <sup>-1</sup> (Old Unit)
Measuring range	0.1mS/m~20 S/m (SI Unit) 1 µS/cm~200 mS/cm (Old Unit)	0.01mS/m~2 S/m (SI Unit) 0.1 µS/cm~20 mS/cm (Old Unit)
Temperature	0~100℃	
Material	PPS, PP, FKM, Carbon	
Cable	2m	
Dimension	φ17×180mm	
Optional Accessories	Standard Solution	