

35 Fluoride Ion Monitor

KF-700



Specifications

Meter

Name of product	Fluoride Ion Monitor
Model	KF-700
Display	LCD 4 digits (With a back light)
Measuring range	Fluoride ion : 0~1000mg/ℓ (Standard) Temperature : 0.0~50.0℃ (Only display)
Resolution	0.1mg/ℓ Less than 199.9mg/ℓ 1mg/ℓ 200 ~ 1000 mg/ℓ
Accuracy	Within ± 2% (F.S.)
Transmit output	DC 4 ~ 20mA (isolated type) 3 range 0~10 / 0~100 / 0~1000 mg/ℓ (Option : 0~2000mg/ℓ)
Contact output	High & Low limit each a contact (No voltage)
Cleaning function	Cleaning setting function
Power supply	AC 85-240V 50/60Hz

Detector

Model	MK-FYT
Measuring object	Free Fluoride ion in Solution
Product name	Liquid non-filling type Fluoride ion electrode
Measurement condition	pH : within 4 ~ 9 (Fixed as much as possible) Temperature : Within 0~40℃
Material	PP, PVC, Ceramics, IIR rubber
Cable length	5m Std.
Selectivity	Al ³⁺ , OH ⁻ 10 ⁻¹ Fe ³⁺ 1 Ca ²⁺ 10 ² NO ⁻ , CH ₃ COO ⁻ 10 ³ Cl ⁻ , Br ⁻ , I ⁻ , HCO ⁻ 10 ⁴

Solid Membrane Type, Fluoride Electrode Method.



Detector w/Jet air Cleaner
(material : PVC or SUS-316)

Immersion type
MK-FYT

Flow type
HF-11+MK-FYTF

TURBIDITY

36 Turbidity Monitor

TR-700V



Specifications

Meter

Name of product	Turbidity Monitor
Model	TR-700V
Display	LCD 4 digits (With a back light)
Measuring unit	Kaolin turbidity unit : mg/ℓ Formazine turbidity unit : FTU Please specify at ordering
Measuring range	0 ~ 2000 (FTU or mg/ℓ)
Minimum Resolution	1 FTU or 1mg/ℓ
Transmit output	DC 4 ~ 20mA (isolated type) 4 steps range 0~100 / 0~500 / 0~1000 / 0~2000 (FTU or mg/ℓ)
Accuracy	Within ± 3% (at equivalent input)
Contact output	High & Low limit each a contact (No voltage)
Hold output	Transmit output and contact output are holded on maintenance
Cleaning function	Cleaning setting function
Power supply	AC 85-240V 50/60Hz

Detector

Name of product	Near-infrared pulse transmission light system turbidity detector
Model	Throw-in type : SSD-110K-30 Immersion type : SSD-110HK-30
Holder length	1.5m (Standard)

Measurement of near-infrared transmission light, sensitive Turbidity detector. Seldom influenced by outside light and color.



Throw-in type Detector
SSD-110K-30

Immersion type Detector
SSD-110HK-30