

## 33 DO Monitor

DC-700



Cartridge Type DO Sensor

OXNIT®:OX-VW2

Throw-In type  
OXP-2VNY-SKImmersion type  
OXP-2VNY-H

## Specifications

## Meter

Name of product	DO Monitor
Model	DC-700
Display	LCD 4 digits 2steps (With a back light)
Measuring range	DO : 0.00 ~ 19.99 mg / ℓ Temperature : 0.0 ~ 50.0°C
Accuracy	Within ±0.1mg/ℓ (at equivalent input)
Transmit output	DC 4-20mA 3 steps range Range1: 0.00~5.00mg / ℓ Range2: 0.00~10.00 mg / ℓ Range3: 0.00~20.00 mg / ℓ (Initial setting)
Contact output	High & Low limit each a contact (No voltage)
Hold output	Transmit output and contact output are held on maintenance
Additional function	Cleaning setting function
Temperature compensation	Automatic compensation by thermistor (1kΩ)
Power supply	AC 85-240V 50/60Hz

## Detector

Measuring method	galvanic cell type Cartridge type DO Sensor exchange type
Model	Throw-In type probe : OXP-2VNY-SK Immersion type probe : OXP-2VNY-H (L=1.5m) DO sensor : OXNIT OX-VW2
Cable length	5 m (Standard)

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## MLSS

## 34 MLSS Monitor (Sludge Density Meter)

MC-700



Measurement of activated sludge density in the aeration tank

Immersion type Detector  
SSD-110HK-6

Detector w/Jet Air Cleaner

Throw-in type detector  
SSD-110K-6

## Specifications

## Meter

Name of product	MLSS monitor
Model	MC-700
Measuring principle	Near-infrared pulse transmission light system
Display	LCD 4 digits (With a back light)
Measuring range	MLSS : 0 ~ 20000 mg/ℓ (Standard) Turbidity : 0 ~ 20000 degree (Option)
Minimum Resolution	1 × 10 mg/ℓ
Accuracy	Within ±5% (at equivalent input)
Transmit output	DC 4 ~ 20mA 3 steps range RANGE 1 : 0 ~ 5000 mg/ℓ RANGE 2 : 0 ~ 10000 mg/ℓ RANGE 3 : 0 ~ 20000 mg/ℓ
Contact output	High & Low limit each a contact (No voltage)
Hold output	Transmit output and contact output are held on maintenance
Cleaning function	Cleaning setting function
Power supply	AC 85-240V 50/60Hz

## MLSS detector

Model	Throw-in type : SSD-110K-6 Immersion type : SSD-110HK-6
Cable Length	6 m standard
Material	FEP, POM, SUS304, PVC
Holder length	1.5m (Standard)
External dimensions	Detector : φ43 × 218 mm Holder : φ38 × 1500 mm (Standard)