

# MLSS/DO

## 08 MC-700 MLSS Monitor (Sludge Density Meter)

Continuous Measurement of activated Sludge Density(MLSS) in an Aeration Tank



Immersion type Detector  
SSD-110HN-6



Standard type  
SSD-110N-6



Calibration filter

### ■ 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 ±2% (at equivalent input)
Transmit output	DC4~20mA 3 steps range RANGE 1: 0~5000 mg/ℓ RANGE 2: 0~10000mg/ℓ RANGE 3: 0~20000mg/ℓ
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

### ■ MLSS detector

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

## 09 DC-700

## DO Monitor



Throw-In type  
OXP-2VNY-SK



Immersion type  
OXP-2VNY-H

Cartridge Type DO Sensor  
**OXNIT®:OX-VW2**



### ■ 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℃
Accuracy	Within ±0.1mg/ℓ(at equivalent input)
Transmit output	DC 4-20mA 3 steps range Range1:0.00~5.00mg/ℓ Range2:0.00~10.00mg/ℓ Range3:0.00~20.00mg/ℓ(Initial setting)
Contact output	High & Low limit each a contact(No voltage)
Hold output	Transmit output and contact output are holded on maintenance
Additional function	Cleaning setting function
Temperature compensation	Automatic compensation by thermistor(1kΩ)
Power supply	AC 85-240V 50/60Hz
Optional accessories	50A Pole stand, Sunshade cover

### ■ 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	5m(Standard)

\*OXNIT® is the KASAHARA's registered trade mark.