



간편하고 저렴한 In-Line Turbidity Meter



설치형 탁도계
In-Line Turbidity Meter
MODEL: 2020 Clear Trace

●●●● 특 징

- 혁신적인 챔버 설계로 보다 간단하고 쉽게 탁도의 측정이 가능합니다.
- 0-100NTU측정(최소단위0.001NTU)
- 거품제거기능의 샘플 챔버로 유지보수가 용이
- 낮은 유속측정과 컴팩트한 디자인
- 4-20mA 출력



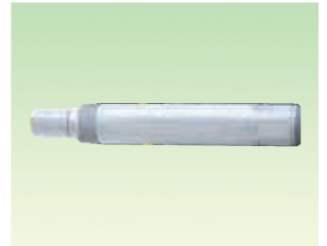
AV38 Local Display
 16문자, 2라인 Display, 7키로 구성



Turbidity Sample Chamber
 샘플의 혼탁도를 정확히 측정합니다



Lamp and Chamber Lid
 광원 및 챔버



Com Stick
 센서신호를 측정값으로 전환합니다

050-9922-9933

●●●● 규 격

MODEL	2020 Clear Trace (Code 5 - 0113)	
Measurement System Performance		
Range	0 to 100 NTU	
Resolution	0.001 NTU	
Accuracy	±2% of reading or ±0.015 NTU whichever is greater, ±5% of reading above 40NTU	
Step Response Time	90% in 120 seconds	
NOTE: typical at 25°C. Performance unaffected by cable length		
Units of Measure		
Measurement Units	NTU	
Temperature Units	°C, °F	
Calibration		
Sample	1 point	
Zero	1 point	
Temperature	1 and 2 point	
Note: Turbidity and temperature are precalibrated at the factory		
Operational Environment		
Water Temperature Range	-5°C to 50°C	
Air-Temperature Range	-20°C to 60°C	
Maximum Flow Rate	500mL/min(7.9gal/hr)	
Minimum Flow Rate	250mL/min(4gal/hr)	
Interface		
Display	2 lines, 16 characters, 7 key navigation	
Current Loops	1 loop standard, 2 nd loop optional	
Relays	1 or 2 optional (From C)	
Power Requirements		
Voltage Range	24VDC	
Maximum Power	8W with AV38, Com Stick & light source	
Typical Power	6W with AV38, Com Stick & light source	
Note: Class II DC power supply required		
Construction		
Light Source	white light (Tungsten)	
Sample Chamber Material	ABS plastic	
Sample Chamber Volume	135mL	
Light Source Housing	Anodized Aluminum	
Mounting Plate	12x12inches, 4 mounting holes	
Sensor Head Material	Quartz Glass, Anodized Aluminum	
Weight	5.6 lbs	
Other Configuration Options		
Sensor Filter	0 to 100 seconds	
Temperature Filter	0 to 100 seconds	
Approval & Ratings		
Immunity & Ratings	CE (EN 61326 and EN61326:1998)	
Safety	CE (EN 61010-1), UL 508	
Hazardous Locations	UL Class1, Division 2	
OPTION		
Calibration Kits		
5-0114	Turbidity Calibration Kit 2020CT liter(0 NTU&20 NTU, foam brushes & rinse bottles)	