

DUST MONITOR

MODEL LYS-125

FEATURES

LYS-100L 모델은 광산란 방식을 이용하여 미세먼지를 실시간으로 측정하고 이를 온라인으로 모니터링 하는데 적합하게 설계된 24시간 모니터링 전용 옥외용 미세먼지 측정기입니다. PM10과 PM2.5 사이즈의 입자를 측정할 수 있으며 전용 소프트웨어를 통하여 측정 데이터를 관리할 수 있습니다.



SPECIFICATION

MODEL	LYS-100LPM 10: 0 ~ 2,000 $\mu\text{g}/\text{m}^3$	LYS-125
Measurement method	Light scattering	
Light source	Laser Diode class III	
Particulate matter	PM10	PM2.5 PM10
Out range	PM 2.5: 0 ~ 750 μg / PM 10: 0 ~ 2,000 $\mu\text{g}/\text{m}^3$	
Data output (option)	Analog output 4~20mA (1Channel user selectable)	
Digital output	RS-232	
Heating controller	30~40 °C installed moisture remover	
Resolution	$\pm 0.2\mu\text{g}/\text{m}^3$	
Sensitivity	0.1 $\mu\text{g}/\text{m}^3$	
Measurement efficiency	0.3 μm (50 \pm 20)%, 0.5(100 \pm 10)% (@ISO21501-4)	
Particle size range	0.3 μm ~ 15 μm	
Flow rate	2LPM	
Data upload	10 sec (1 min cumulation data)	
Display	Graphic LCD 128 x 64	
Network interface	IEEE 802.3 Ethernet TCP/IP v4 Option: IEEE 802.11b/g Wireless LAN, LTE Modem, IEEE 802.15.1 Bluetooth v2.0 Class2(ISM Band, 2.4 to 2.485Ghz)	
Operating environment	-4°F ~ 140°F (-20°C ~ 60°C), 20~98% RH	
Storage environment	-22°F ~ 176°F (-30°C ~ 80°C), 98% \leq RH	
Weight	Body 5kg	
Dimension (W x H x D)	280mm x 448mm x 108mm (with inlet)	
Power	220VAC	220VAC, Wireless LAN
Calibration	Labco calibration system in accordance with ISO-21501-4	
Calibration interval	Once a year or less (ISO 21501-4)	