

# 미세먼지 측정기 (Aerosol Monitor)

간이측정기 성능인증 1등급 제품



Model : 8530

용 도(Applications)	특 징(Features)
<ul style="list-style-type: none"> <li>실내 및 대기 미세먼지 측정</li> <li>미세먼지, 초미세먼지 농도 추이 및 조사</li> <li>산업 및 위생 현장 조사</li> <li>배출원 측정 및 에어로졸 연구</li> <li>PM10, 2.5, 4, 1, Respirable 측정</li> </ul>	<ul style="list-style-type: none"> <li>1초 이내에 정확한 농도 측정 및 저장 기능</li> <li>대화면 컬러 터치 디스플레이로 작동하기 간편함</li> <li>충돌판 방식(Impactor)으로 보다 신뢰성 있는 측정</li> <li>배터리, 센서상태, 유량, 필터 등의 상태 표시기능</li> <li>0~5V or 4~20mA의 아나로그 출력 기능</li> </ul>

## SPECIFICATIONS

Type	Desktop(II)
Sensor Type	90° light scattering
Aerosol Concentration Range	0.001~400 mg/m <sup>3</sup>
Particle Size Range	0.1~10μm
Resolution	±0.1% or 0.001mg/m <sup>3</sup>
Zero Stability	±0.002mg/m <sup>3</sup> over 24hours at 10sec time constant
Flow Rate	1.4 ~ 3.0liter/min(3.0liter/min set at factory)
Flow Accuracy	±5%
Temp. Coefficient	+0.001mg/m <sup>3</sup> per °C
Optional Temp	0 ~ 50°C
Storage Temp	-20 ~ 60°C

Time Constant	User Adjustable, 1 ~ 60 sec.
Data Logging	5MB of on-board memory (>60,000 data points), 45days at 1min. logging interval
Log Interval	User Adjustable, 1 ~ 3,600 sec.
Analog Out	User selectable output, 0 to 5 V or 4 to 20 mA. User selectable scaling range
Screen	5.7in VGA Color Touch
Battery	7800mAH Li-ion
Size (HWD)	135 x 216 x 224mm
Weight	1.6kg / 2.0kg (1battery) / 2.5kg (2battery)

### Battery information

7800mAH Li-ion Battery Pack	1 Battery	2 Batteries
Battery Runtime (hours)	Up to 6.5	Up to 13
Charge Time (hours) in DustTrak	4	8

### CONFIGURATIONS

DustTrakII Desktop Aerosol Monitor	1 ea
Carrying case	1 ea
Rechargeable 7800mAH Li-ion battery	1 ea
Switching power supply w/ Universal plugs	1 ea
Trakpro data analysis software CD	1 ea
Zero filter	1 ea
USB computer cables	1 ea
Analog/alarm output connector	1 ea
Inlet caps	2 ea
37mm cassette with mesh filter	1 ea
10mm nylon Door-Oliver Cyclone	1 ea
Impactor Kit (with PM1, PM2.5, PM4, PM10)	1 set
Impactor plate (2) and impactor oil	1 ea
Sample extension tube, 1m	1 ea
Sheath air HEPA filter	4 ea
Filter removal tool	1 ea
Operation service manual(영문, 한글)	1 ea
실외형 외함(옵션)	1 ea