



KANOMAX
The Ultimate Measurements

Digital Dust Monitor

MODEL 3444

Compact & Lightweight w/ built-in pump



New Dust Monitor with Suction Pump

- Compact & Lightweight w/ built-in pump
- Tubing, classification system, etc functions available
- Simple calibration available w/ instructions
- Extremely short time calibration
- Real-time monitoring available w/ software
- Color screen
- Languages: English, Japanese

Protector can be attached to main unit



SPECIFICATIONS

Product Name	Digital Dust Monitor	
Model	3444	
Measurement Range	0.001 to 10.000mg/m ³ (1 CPM=0.001 mg/m ³ @standard particle)	
Accuracy	± (10% of the reading value +1) count	
Linearity	±5% of the reading value	
Meas. Modes	① Standard mode (6, 10, 30sec / 1, 2, 3, 5, 10min) ② Free mode (1 to 59sec or 1 to 99min) ③ Manual mode (manual operation to start & end the measurement) ④ TWA mode (measurement interval time & alarm can be set) ⑤ Calculation mode (meas. start time, meas. period of time, meas. times can be set, based on repeat meas.) (* Meas. data is automatically saved on internal storage) ⑥ User calibration (Background, sensitivity adjustment) ⑦ Cleaning	
Optical Source	Semiconductor Laser Diode	
Detector	Photodiode	
Meas. Method	Light Scattering Method	
Display	Color LCD display	
Output	Analog output (*output range can be selectable)	0 to 1,000CPM (0 to 1V) 0 to 10,000CPM (0 to 1V) 0 to 1,000CPM (0 to 1V, 1,000 to 10,000CPM, 0.1 to 1V (AUTO))
	Pulse output (*photocoupler output)	
	Alarm output (*photocoupler output)	
Communication	USB port (reading saved data, parameter setting, remote measurement)	
K value	Available to set (*setting range: 0.1 to 9.9, 0.1 step) (*Factor of Mass Concentration Conversion Coefficient)	
Data Storage	Max. 100,000 data (*saved data can be read on display)	
Power	AA batteries (*6 pcs) AC adapter (AC100 to 240V) (*option)	
Operational Environment	Temperature: 5 to 40°C, Humidity: 95% or less (*no condensation)	
Storage Environment	Temperature: 0 to 45°C, Humidity: 95% or less (*no condensation)	
Dimension	162 x 60 x 109 mm	
Weight	Approx. 1.3kg (*including six AA batteries)	
Standard Accessories	Shoulder strap, AA battery (6 pcs), LCD protective sheet, USB cable, PC software, instruction manual	
Optional Accessories	Analog output cable, communication input&output cable, USB cable for communication, Cyclone connection adapter, Tripod fixing L-shape bracket, Main unit cover, Protector, Pump filter, Purge filter, AC adapter, Tube connection inlet adapter	



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