

TES

TES-5200

Particle Mass Counter

Product Features

- Particle mass & particle counter in a single handheld unit.

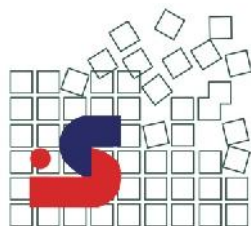


- Six mass ranges and eight particle sizes.
- User K-factors setting for special particulate with different densities.
- Integrated temperature / humidity sensor (no need for external add-on).
- Flow rate 2.83 L / minute (0.1 CF / minute).
- Rechargeable battery provides up to 4 hours of continuous operation (charge time 2 hours).
- Buffer function allows storing and redisplay of up to 500 measurement data sets.



- SD storage device.

Optical system	Sideway light-scattering method
Light source	Laser diode
Laser product class	Class 1, IEC 60825-1 / EN 60825-1
Mass:	
Mass concentration ranges	PM1, PM2.5, PM4, PM7, PM10, and TSP
Concentration range	0 to 1000 $\mu\text{g}/\text{m}^3$
Sample time	1 minute (2.83 L / min)
Particle:	
Particle size (8 channels)	0.5 μm 、 0.7 μm 、 1.0 μm 、 2.5 μm 、 4.0 μm 、 5.0 μm 、 7.0 μm 、 10 μm
Counting Efficiency	100% for particles > 0.45 μm (per JIS B9921:1997)
Sample flow rate	2.83 L / min
Maximum particle concentration	105,900 particles / L (coincidence loss max. 5%)
Measurement time	6 s. (0.01CF), 21 s. (1L), 1 min. (0.1 CF, 2.83L), 3 min. 32 s (10L), 10 min. (1 CF, 28.3L), any length (MANUAL), any length (1 s. to 59 min. 59 s.)
Relative Humidity	$\pm 7\%$, 20% to 90% non-condensing
Temperature	$\pm 3^\circ\text{C}$, 10°C to 40°C (50°F to 104°F)
Buffer function	Store and recall values for up to 500 measurements
PC interface	USB interface
Temperature / humidity measurable range	10°C to 40°C , 20% to 90%RH (approximate)
Power requirements	Built-in battery or AC adapter
Battery	Rechargeable Lithium-ion (Li-ion) battery. Charged from supplied AC adapter when power is ON (charge time 2 hours).
AC adapter	Output voltage : DC12V, 3A
Dimensions and weight	212(L) \times 120(W) \times 60(H)mm / Approx. 930g
Supplied Accessories	Users manual, AC adapter, USB connector, Carrying case.



www.saenco.com

شرکت صائن

www.saen.ir



TEL:02188936611