

# MT-2005 Air Particle Counter Analyser



## Specifications:

<b>Product Type:</b>	Portable Air Particle Counter (Real-Time)		
<b>Detection Range:</b>	0-999 ug/m <sup>3</sup> ; 0-99,99999 Particle Count /Litre		
<b>Resolution:</b>	1ug/m <sup>3</sup> ; 1 Particle Count /Litre		
<b>Dust Sensor:</b>	Laser dust sensor ( 0.3/0.5um 、 1.0um 、 2.5um 、 10um )		
<b>Temperature and humidity:</b>	Temperature detection range:-40 ~ 120°C Humidity detection range:0-100%RH		
<b>Detection pattern:</b>	Pumping,with built-in high-power pump allow device working under tiny negative pressure condition,the flow rate is adjustable.		
<b>Sample Method:</b>			
<b>Detection Accuracy:</b>	≤±3%F.S	<b>Linearity Error:</b>	≤±1%F.S
<b>Reaction Time:</b>	≤20 S ( T90 )	<b>Zero drift:</b>	≤±1% ( F.S/Year )
<b>Detection Method:</b>	Real-time detection mode and timing detection,Cycle detection mode mode can be switch freely		
<b>Storage Method:</b>	Automatically saving and manually saving is available, Up to 30,800 group data for each channel ,user can view history data on the display.		
<b>Explosion Proof Sign :</b>	ExdII CT4 (IA)	<b>Shell Case material:</b>	ABS+PC
<b>IP rating:</b>	IP65	<b>Operating Temperature:</b>	-30 ~ 60°C(-22~144°F)
<b>Power:</b>	4000mA high capacity polymer rechargeable battery	<b>Relative Humidity:</b>	≤90%RH · Non-condensing
<b>Dimensions / Weight:</b>	255*80*60mm ( L×W×H ) 0.5 Kg ( net weight )	<b>Operating Pressure:</b>	-30Kpa ~ 100Kpa
<b>Standard Accessories:</b>	-Instrument -Aluminium Carrying Case -Calibration Certificate -Charger & USB cable		
<b>Optional Accessories:</b>	-Micro printer & connected cable -Vapor filter(external) -Hose -Sampling handle(stainless steel ,approx 60cm) -Software to export to the computer to view historical data in a graph format or EXCEL format		



## Features:

- ✓ Real-Time PM Display
- ✓ 4 Channel (0.3,1,2.5 &10um)
- ✓ Temp & RH Display
- ✓ Data-logging
- ✓ PC interface (optional)
- ✓ IPS display
- ✓ Micro printer(optional)
- ✓ Audible & Visual alarm
- ✓ Intrinsically safe circuit design
- ✓ IP65 casing
- ✓ ISO 14644-1
- ✓ Laser life up to 100,000 hours

## Distributed by:

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