



### General Characteristics of Kanomax Handheld Laser Particle Counter 3886

The Kanomax Handheld Laser Particle Counter 3886 is a high performance and economical tool for spot checks in particle sensitive areas.

The Kanomax Handheld Laser Particle Counter 3886 with 5-channel measures five particle sizes 0.3, 0.5, 1.0, 3.0 and 5.0 micrometers  $\mu\text{m}$  in cubic feet or  $\text{m}^3$ .

The optional air velocity and temperature/humidity probes give you the flexibility to measure four parameters with a single convenient handheld instrument.

The Kanomax Handheld Laser Particle Counter 3886 is perfect as an initial investigation tool for IAQ studies, including mold remediation. Store up to 500 measurements, measurement data can be transferred to an excel file.

The Kanomax Handheld Laser Particle Counter 3886 measuring software displays and graphs the measurement data in real time while connected to a PC.

Remote controlled by external computer.

The Kanomax Handheld Laser Particle Counter 3886 includes: Operation Manual, AC Adapter, Zero Filter, Meter Handle, Calibration Certificate

### Product Applications of Kanomax Handheld Laser Particle Counter 3886

The Kanomax Handheld Laser Particle Counter 3886 is a unique compact and light monitor.

It is recommended for IAQ Investigation, Hospital Surgical Room, Filter Testing, and Clean Bench Verification.

The Kanomax Handheld Laser Particle Counter 3886 verifies and monitors Cleanrooms, Pharmaceutical, Semiconductor and Food Industry.

### Warranty of Kanomax Handheld Laser Particle Counter 3886

The Kanomax Handheld Laser Particle Counter 3886 has a 1 year manufacturer's warranty.



### Technical Characteristics of Kanomax Handheld Laser Particle Counter 3886

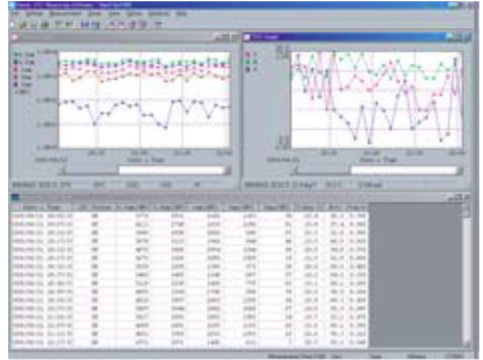
VentDepot Item #	Kanomax Model No	Description	Weight		Size (L,W,H)	
			(lbs)	(kg)	(in)	(cm)
USHLC-001	3886 GEO- $\alpha$	GEO- $\alpha$ Handheld Laser Particle Counter	2	0.98	3,5,9	7,12,21
USHLC-002	0842	Temperature and RH Probe	1	0.5	12,12,12	30,30,30
USHLC-003	0843	Air Velocity Probe	1	0.5	12,12,12	30,30,30
USHLC-004	0843-01	Extension Rod for Air Velocity Probe	1	0.5	12,12,6	30,30,15
USHLC-005	3886-01	Spare AC Adapter	0.5	0.3	12,6,6	30,15,15
USHLC-006	3886-02	Carrying Case	5	2	12,5,9	30,12,22
USHLC-007	3886-03	Spare Zero Filter with Tube	1	0.5	12,12,6	30,30,15
USHLC-008	3886-04	Isokinetic Probe	1	0.5	12,12,12	30,30,30
USHLC-009	3886-07	Printer Cable for DPU-S245	1	0.5	12,6,6	30,15,15
USHLC-010	3886-08	Communication Cable to PC	1	0.5	12,6,6	30,15,15
USHLC-011	S388-61	Data Processing Software	1	0.5	6,6,6	15,15,15
USHLC-012	SW1102	USB to serial adapter	1	0.5	12,12,12	30,30,30
USHLC-013	DPU-S245	Portable Thermal Printer	5	2	14,8,6	35,20,15
USHLC-014	TP-202L	Rolled Printer Paper (10 rolls)	6	3	14,6,6	35,15,15
USHLC-015	CX-440	Tripod	7	3	30,30,12	76,76,30
USHLC-016	301ADAPT	Intl. Plug Adapter Kit	0.5	0.3	12,6,6	30,15,15



**Product Specifications of Kanomax Handheld Laser Particle Counter 3886**

<b>Model</b>	<b>3886</b>		
Measuring Method	Laser Diode		
Flow Rate	0.1 cfm (2.83 l/min)		
Channel Sizes	0.3 µm, 0.5 µm, 1.0 µm, 3.0 µm, 5.0µm		
Calibration	PSL particles in air		
Counting Efficiency	50% at 0.3 µm; 100% for particles > 0.45 µm (ISO 21501-4)		
Zero Count	Less than 1 count / 5 minutes (ISO 21501-4)		
Coincidental Loss	Less than 5% at 2,000,000 particles/cf		
Interface	RS232C or RS485		
Sampling Time	1 sec - 99 min 59 sec (1 second increment)		
Dimensions	W 4.5 x D 2.8 x H 8.5 inch (115 x 70 x 211 mm)		
Weight	2.2 lbs or 980 g		
Options	Isokinetic Probe, Air Velocity Probe, Thermal Printer, Temperature/Relative Humidity Probe, Carrying Case		
Baud Rate	9600 bps		
Vacuum Source	Internal pump, flow controlled		
POWER	AC Adapter	5VDC at 2.5A, 100 - 240VAC, 50 to 60 Hz	
	Battery	4 x AA Battery	
	Operating Time	3.5 hrs with 1600mAh Batteries	
Sampling Frequency	1 - 99 or continuous	Buffer Memory	500 sample records

**Photo Gallery of Kanomax Handheld Laser Particle Counter 3886**



Software for Monitoring and Remote Control



Temperature and Relative Humidity Probe



Air Velocity Probe



**Short Description of Kanomax Handheld Laser Particle Counter 3886**

VentDepot Item No	Kanomax Model No.	Short Description 70 Characters Maximum
		1234567890123456789012345678901234567890123456789012345678901234567890
<b>USHLC-001</b>	<b>3886 GEO-α</b>	GEO-α Handheld Laser Particle Counter
<b>USHLC-002</b>	<b>0842</b>	Temperature and RH Probe
<b>USHLC-003</b>	<b>0843</b>	Air Velocity Probe
<b>USHLC-004</b>	<b>0843-01</b>	Extension Rod for Air Velocity Probe
<b>USHLC-005</b>	<b>3886-01</b>	Spare AC Adapter
<b>USHLC-006</b>	<b>3886-02</b>	Carrying Case
<b>USHLC-007</b>	<b>3886-03</b>	Spare Zero Filter with Tube
<b>USHLC-008</b>	<b>3886-04</b>	Isokinetic Probe
<b>USHLC-009</b>	<b>3886-07</b>	Printer Cable for DPU-S245
<b>USHLC-010</b>	<b>3886-08</b>	Communication Cable to PC
<b>USHLC-011</b>	<b>S388-61</b>	Data Processing Software
<b>USHLC-012</b>	<b>SW1102</b>	USB to serial adapter
<b>USHLC-013</b>	<b>DPU-S245</b>	Portable Thermal Printer
<b>USHLC-014</b>	<b>TP-202L</b>	Rolled Printer Paper (10 rolls)
<b>USHLC-015</b>	<b>CX-440</b>	Tripod
<b>USHLC-016</b>	<b>301ADAPT</b>	Intl. Plug Adapter Kit

**SEO Table of Kanomax Handheld Laser Particle Counter 3886**

Title
Kanomax Handheld Laser Particle Counter 3886
Meta Description
Kanomax Handheld Laser Particle Counter 3886, Kanomax Handheld Laser Particle Counter 3886 for IAQ Investigation, Kanomax Handheld Laser Particle Counter 3886 for Pharmaceutical, Kanomax Handheld Laser Particle Counter 3886 for Food Industry, Kanomax Handheld Laser Particle Counter 3886 for Semiconductor, Kanomax Handheld Laser Particle Counter 3886 for Clean Bench Verification, Kanomax Handheld Laser Particle Counter 3886 for Hospital Surgical Room, Kanomax Handheld Laser Particle Counter 3886 for Filter Testing, Kanomax Handheld Laser Particle Counter 3886 for verify Cleanrooms
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