

FLUKE Particle Counter

Model 983

An invaluable tool for IAQ investigations in the workplace or factory. Quickly determine the size distribution of airborne particles, record relative humidity and temperature.

- Size of measured particles (6 channels): 0.3, 0.5, 1.0, 2.0, 5.0 and 10.0 μm .
- Flow rate: 2.83 l/m (0.1 cfm), internal pump.
- Counting efficiency: concentration, totalize, audio
- Relative Humidity 20 to 90%, $\pm 7\%$
- Temperature: 10 to 40°C/F $\pm 3^\circ\text{C}$
- Data storage: 5000 sample records of date, time, counts, relative humidity, temperature, etc.
- Delay time: 0 to 24 hours
- Alarms: counts, low battery, sensor fail
- Rechargeable battery: 4.8V, NiMH, 8 hours life/2 hours recharge time
- Windows compatible software download utility with RS232 cable included.



Code	Description
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983	Particle counter, NIST certificate, download software and cable, isokinetic probe, high purity tubing, power supply, manual, zero count filter, protective holster and hard molded case.
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FLUKE Infrared Thermometers

570 Series

Reliable, accurate, advanced technology

- Adjustable emissivity
- 3 points patented laser sighting with True Sport and 60:1 real distance to target ratio (50:1 for CF models)
- Alarms: high (all), low (574, 576, only), audible and visual
- Min./Max. (all), differential and average (574, 576 only)
- Range: -30 to 900°C (-25 to 1600°F)
- Accuracy $\pm 0.75\%$ MV or $\pm 0.75^\circ\text{C}$ (1.5°F), whichever is greater



574

- Memory for 100 readings, with date and time
- RS232 and 1 mV/degree outputs

576

- Memory for 26 to 100 digital pictures (resolution dependant), JPEG format (640x480 or 320x240)
- Software for picture transfer

Code	Description
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572	Thermometer with hard case
574	Thermometer, software, RS232 cable, type K T/C probe, AC adapter and hard case
574-NI	Same as 574 but non-incendive option
576	Phototemp thermometer, software, USB cable, type K T/C probe, AC adapter and hard case

Options

CF	Close focus model, 50:1
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FLUKE Carbon Monoxide Meter

Model CO-220

- Large LCD display
- 0 to 1000 ppm CO
- Optional beeper increases frequency with CO level
- Max hold function

Carbon Monoxide Probe

Model CO-210

- DMM accessory probe with dc millivolts/ppm output
- Range of 0-999 ppm CO
- Stand-alone operation with changing beeper and LED indicator frequency per ppm

CO-205 Aspirator Kit

- Flue gas sampling kit
- Stainless sample tube, hand aspirator, particles filter, nose cap connector for CO-210/220

Code	Description
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CO-205	Aspirator kit
CO-210	CO probe
CO-220	CO meter



FLUKE Infrared Thermometers

Model 62

- Pocket model, all purpose
- Easy and simple to use, just point and shoot
- Fixed emissivity 0.95
- Laser sighting
- 10:1 distance to target ratio
- Range -30 to 500°C (-20 to 932°F)
- Accuracy $\pm 1^\circ\text{C}$ (2°F) from 10 to 30°C, $\pm 1.5\%$ MV or $\pm 1.5^\circ\text{C}$ (3°F), whichever is greater
- 2 years limited warranty

Model 63

- More robust and greater range
- 12:1 distance to target ratio
- Fixed emissivity 0.95
- Laser sighting
- Range -32 to 535°C (-25 to 999°F)
- Accuracy $\pm 1\%$ MV or $\pm 1^\circ\text{C}$ (2°F), whichever is greater
- 2 years limited warranty



Code	Description
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62	Mini thermometer with soft pouch
63	Thermometer with hard case

Fluke Digital Thermometers

Serie 50-II

- Laboratory accuracy $\pm (0.05\% \text{ MV} + 0.3^\circ\text{C}) [0.5^\circ\text{F}]$
- Splash and dust resistant case protected by impact absorbing holster
- Big dual display with back light
- Relative time clock on MIN, MAX, and AVG provides a time reference for major events
- Differential T1-T2 (52 and 54)
- Complete T/C ranges, ex. :
K = -200 to +1372°C (-328 to +2501°F)



Code	Description
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51-II	Single channel thermometer J, K, T, E and one 80PK-1 bead-probe
52-II	Dual channel thermometer J, K, T, E and two 80PK-1 bead-probes
53-II	Single channel thermometer with data-logging J, K, T, E, N, R, S and one 80PK-1 bead-probe
54-II	Dual channel thermometer with data-logging J, K, T, E, N, R, S and two 80PK-1 bead-probes
FVF-SC1	Flukeview Forms software and RS232 cable