

View Online at <https://aerobasegroup.com/nsn/6635-01-306-4527>

**Special Features:**

Designed to monitor particles as small as 0.3 micron; draws air into sensor at rate of 1 cubic foot per minute; air flow passes through view volume-light generated by laser diode; particles deflect light energy to a solid state photodiode where each burst of light is converted to a pulse of electrical energy; digital counter accumulates the pulses according to size selected; sample air is then filtered, removing all particles larger than 0.2 micron before air is exhausted back into room

**General Description:**

Selectable size ranges 0.3, 0.5, 1.0, 5, 10 micron and larger (selectable); flow rate 1.0 cfm (0.1 or 0.01 optional); coincidence error 5% at 3,000,000 counts; field calibration continuous; factory calibration mono-dispersed polystyrene latex spheres traceable to nist; selectable sample period 0, 1, 6, 10, 60, 600 seconds or infinite; alarm limits 0, 1, 10, 100, 1000, 10,000, 100,000; light source solid state laser diode; laser life 20,000 hours; count display 999,999; size 12.5 inches wide by 15.0 inches deep by 6.5 inches high; weight 28 lbs; power source 300 watts; voltage 115 vac, 60 hz, 220 vac 50 hz, 100 vac 50/60 hz; 0.3 micron sensitivity; front panel operation; rs-232c or rs-485 parallel centronics

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No