

CI-450t

50 LPM

The Best Just Got Better

CI-450t



CLiMET®

CLiMET INSTRUMENTS COMPANY

1320 West Colton Avenue • Redlands, California 92374

Telephone: (909) 793-2788 • Facsimile: (909) 793-1738

Email: sales@climet.com • www.climet.com

CLiMET has extended the performance of our most popular particle counter:

- Bright Beautiful Display
- Longer Battery Life—5 hours
- New Alarm Horn— volume adjustment
- Larger Font for Particle Counts
- 2 year warranty

EU GMP Annex 1 /ISO 14644/ FS-209E Calculation and printed pass/fail report

Superior Internal Data Security

- Unit ID
- User ID
- Password for each User
- Four Security Access Levels per User

Unmatched Ease of Use

Full Stainless Steel Enclosure that still provides a Lightweight Unit with a Small Footprint

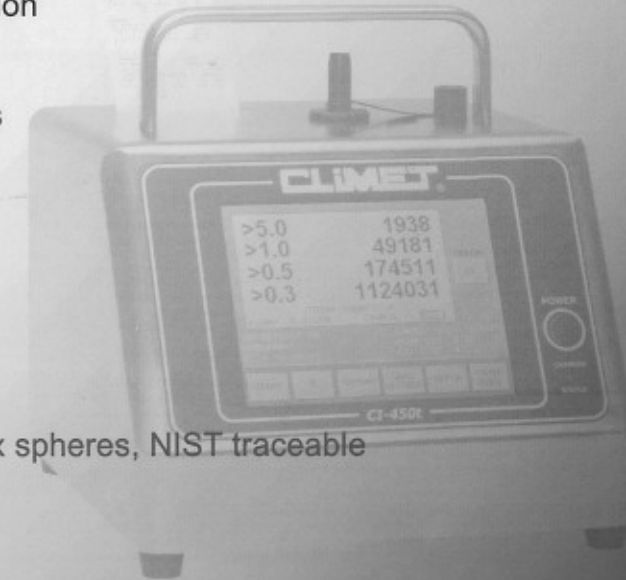
CLiMET's Latest Innovation

- Already Shipping in Large Quantities

PLEASE CONTACT CLiMET TO ARRANGE FOR A FREE DEMONSTRATION AND PRODUCT INFORMATION.

CI-450t 50 LPM - Smaller, Lighter, Faster

- Product channel sizes: Four sizes: 0.3, 0.5, 1.0, 5.0 micron
Concentration limit: 20,000 particles per liter (20 x 10⁶ particles per cubic meter) (10% coincidence)
Sample flow rate: 50 liters per minute (0.05 cubic meter or 1.77 cubic feet per minute)
Flow rate control: Electronic, automatic closed loop
Sample tube extension: 3/8" (9.525 mm) I.D., up to 20 ft. (6.1 meters) max. length
Zero count: <1 count per 5 minutes, as per JIS 9921
Battery: Replaceable 9.6 Volts, 12.6 Amp hour Nickel Metal Hydride
Battery operation time: 4.5 to 5.5 hours of continuous operation
5.0 hours typical
Time to charge battery: 3.0 to 3.5 hours
Display: TFT Color LCD, ¼ VGA touch screen
Printer: Thermal Dot Matrix
Memory: 3,000 samples: Date, Time, 4 Particle Channels, Analog Channels, Flow, ID, Sample Volume, transferable to PC via RS-232 serial port
Unit ID: User selectable
User ID: Up to 20 users, besides supervisor, with password authentication
Security: Four security levels with user authentication
Location ID: Up to 100 per program; 16 characters long
Program: Up to 30 user-defined and named, containing ID's and settings
Input/Output: RS-232
Audible alarm: Built-in
Alarm limits: Programmable for all particle channels and flow
Dimensions: H-W-D: 8.65 x 8.5 x 9.5 inches (21.97 x 21.6 x 24.1 cm)
Weight: 11.0 lb (4.99 Kg) without battery
14.25 lb (6.46 Kg) with battery
Power: Auto switching: 100-264 VAC, 47/63 Hz
Operating range: 0-36° C, 10-90% RH, non-condensing
Calibration: Factory Prime Calibration with monodisperse polystyrene latex spheres, NIST traceable using CalPro 2.00 (or later) software program
Calibration frequency: Recommended every 12 months
Gas compatibility: Air, nitrogen; consult factory regarding other gases



This unit is designed specifically for validating pharmaceutical production areas and for those that perform the validation.

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