

# Airborne microbial sampler CLIMET

## CI-95A Series

Aseptic environments used in the manufacture of sterile products must be monitored in accordance with regulatory standards. The CI-95 uses the highly effective and time proven active impaction method.

This collects air through a perforated head, and microorganisms are impacted onto a standard 90mm petri dish placed into the device. Samples can be easily controlled and collected in accordance with ISO 14698. The head is fully autoclavable, and the unit is completely compatible with common cleaning procedures, including VHP. Moreover, the internal exhaust incorporates a HEPA filter. Automatic flow control regulates optimal sample velocity during all operating conditions, which ensures sample consistency and accuracy. An audible flow alarm provides additional assurance of a valid sample.

### SPECIFICATIONS

#### Configurations:

- CI-95A = 100 LPM microbial sampler with Aluminum Sampling Head
- CI-95A+ = 100 LPM microbial sampler with locking collar and Passivated 316L Stainless Steel Sampling Head

\* All models are 304 Stainless Steel Enclosure, RS-232 data interface, and HEPA filtered internal exhaust. Both sampling heads are autoclavable @ 134°C for 20 minutes.

#### Performance:

**Sample Flow Rate:** 100 LPM (0.1 cubic meter per minute, or 3.53 cubic feet per minute)

**Sample time to measure a cubic meter:** 10 minutes

**Flow Rate Control:** Electronic, automatic closed loop

**Cleaning:** Compatible with common cleaning and sterilization procedures, including VHP.

**Alarm:** Internal audible alarm, +/-10% of 100 LPM Flow Rate

**Data Interface:** RS-232

**Display:** Backlit 4x20 character LCD

**Sample Control:** Continuous sample or variable duty cycle to cover extended monitoring

#### Programming & Memory:

**Unit ID:** User Selectable; 6 characters long

**User ID:** Up to 10 users, 9 characters long

**Location ID:** Up to 100; 15 characters

**Security:** Prevents changes to settings, or stopping a sample in progress

#### Included Accessories and Features:

Internal battery charger, battery, stainless steel locking collar, sample head, and manual

#### Electrical:

**Battery:** 9.6 VDC, 7.6 Amp Hour

**Battery Operation:** 7 hours (typical) with continuous sampling

**Battery Recharge time:** 2.0-2.5 hours (built-in charger)

**Wall Power:** Universal 100-240 VAC Input

#### Dimensions & Weight:

19.05 cm x 13.97 cm x 25.15 cm

CI-95A: weight with battery is 3.75 Kg

CI-95A+: weight with battery is 4.43 Kg

#### Environmental:

**Operating temperature:** 0-36°C, 32-97°F

0-90% relative humidity, non-condensing

- High pressure diffusers, validation documentation, and other accessories sold separately
- Recommended calibration frequency, every 12 months for flow system accuracy

