

CI-95A Series Airborne Microbial Sampler 100 LPM, 25 LPM or 1 CFM 90mm or 55-65mm RODAC Plates When Accuracy Matters!™

Incorporates
new patent pending
or patented
technology



Design Provides Optimal Impaction Velocity To Ensure Superior Biological and Physical Collection Efficiencies:

ISO 14698-1 Validated

Superior Performance down to 1µm per ISO 14698-1

Validated Flow Rate and Audible Flow Rate Alarm

HEPA Filtered Exhaust

Stainless Steel Enclosure

VHP Compatible

Sample a Cubic Meter in 10 Minutes @ 100 LPM

Variable Duty Cycle for Extended Sample Period

Accessories for Remote Sampling in Isolators and Biosafety Cabinets, and Sampling of High Pressure Gases

USP <797>

ISO 14698 and ISO 14644

EU GMP Annex 1

The **CI-95A** 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 or 55-65mm RODAC plate placed under the sample head. Samples can be easily controlled, collected, and cultured.

In accordance with ISO 14698-1, the enclosure is **polished stainless steel** providing the highest resistance to particle and microbial attachment, and thus mitigating the risk of biocontamination. Also, the **sample head is fully autoclavable**, and the CI-95A is completely compatible with common cleaning procedures, including VHP. The internal exhaust incorporates a **HEPA filter** to prevent the introduction of particles or biocontamination. The CI-95A has **Automatic Flow Control** technology that regulates impaction velocity during all operating conditions, which ensures sample consistency, accuracy, and that tolerances are within calibration. An **audible flow alarm** provides additional assurance of a valid sample, and mitigates expensive deviation reports.

Reliability, Accuracy & Support

The **CI-95A** microbial samplers are engineered and manufactured with only the highest quality materials. This ensures a long product life-cycle, and up to decades of reliable use. Moreover, Climet provides calibration support services for all our devices over their lifetime.

Return On Investment

Deviation reports and investigations among biopharma manufacturing sites cost between \$5,000 to \$12,000 per incident; and well exceeds the initial purchase price of the instrument. Climet's pharmaceutical grade design virtually eliminates interval calibration out-of-tolerance conditions (<1%), and by a large margin provides the industry's highest return on investment.

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Applications Include:

Cleanroom Monitoring & Validation
Medical Device Manufacturing
Pharmaceutical Manufacturing
Hospitals


Food & Beverage Processing
Aerospace Assembly
Pharmaceutical Compounding
Cosmetic Manufacturing

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CI-95A Series Specifications

Custom Engineered Solutions: If you have a specific technical requirement , please contact us.

We specialize in customizing our products to fit your needs.

<p>Configurations</p> <p>NOW AVAILABLE ! Low Flow rates of 1 CFM or 25 LPM for continuous monitoring applications.</p>	<p>P/N: 950095-XYZ</p> <p>X = Sample Head</p> <ul style="list-style-type: none"> 0 = Aluminum, 90mm petri dish, 100 LPM (CI-A904) 1 = Stainless Steel, 90mm petri dish, 100 LPM (CI-S904) 4 = Aluminum, 90mm petri dish, 1 CFM / 25 LPM (CI-A901) 5 = Stainless Steel, 90mm petri dish, 1 CFM / 25 LPM (CI-S901) 8 = Aluminum, 55-65mm RODAC plate, 100 LPM (CI-A604) 9 = Stainless Steel, 55-65mm RODAC plate, 100 LPM (CI-S604) <p>Y = Flow Rate</p> <ul style="list-style-type: none"> 0 = 100 LPM; 1 = 1 CFM; 2 = 25 LPM <p>Z = Power Supply</p> <ul style="list-style-type: none"> 1 = United States; 2 = Euro; 3 = United Kingdom <p>All models have 304 Stainless Steel Enclosure, RS-232 data interface, and HEPA filtered internal exhaust. Both sampling heads are autoclavable @ 134° C for 20 minutes.</p> 
<p>Performance</p>	<p>Sample Flow Rate: 100 LPM, 1 CFM, or 25 LPM</p> <p>Sample time to measure a cubic meter :</p> <ul style="list-style-type: none"> 10 minutes @ 100 LPM; 35.3 minutes @ 1 CFM, 40 minutes @ 25 LPM (w/ continuous sampling) <p>Flow Rate Control: Electronic, automatic closed loop</p> <p>Cleaning: Compatible with common cleaning and sterilization procedures, including VHP.</p> <p>Audible Flow Rate Alarm: Internal audible alarm, +/-10% of nominal Flow Rate</p> <p>Data Interface: RS-232 for use with IDLoader Software</p> <p>Display: Backlit 4x20 character LCD</p> <p>Sample Control: A continuous sample, or Sample Segmentation to cover extended monitoring. Recommended calibration frequency every 12 months for flow system accuracy.</p>
<p>Programming & Memory</p>	<p>Unit ID: User Selectable; 6 characters long</p> <p>User ID: Up to 10 users, 9 characters long.</p> <p>Location ID: Up to 100; 15 characters.</p> <p>Security: Prevents changes to settings, or stopping a sample in progress.</p>
<p>Included Accessories</p>	<p>Internal battery charger, battery, stainless steel locking collar, sample head, IQ/OQ Procedures, manual, and IDLoader Software included. High pressure diffusers, remote sample heads, tubing, validation documentation, and other accessories sold separately.</p>
<p>Electrical AC and battery supported</p>	<p>Battery: 9.6 VDC, 7.6 Amp Hour</p> <p>Battery Operation (typical) : 100 LPM @ 7-9 hours; 1 CFM @ 16 hours; 25 LPM @ 19.25 hours with continuous sampling.</p> <p>Battery Recharge time: 2.0-2.5 hours (built-in charger)</p> <p>Wall Power: Universal 100-240 VAC Input</p>
<p>Dimensions & Weight</p>	<p>7.5"(H) x 5.5" (W) x 9.9" (L) (19.05 cm x 13.97 cm x 25.15 cm)</p> <p>CI-95A with aluminum sample head, weight with battery is 8.25 lbs. (3.75 Kg)</p> <p>CI-95A with stainless steel sample head, weight with battery is 9.73 lbs. (4.43 Kg)</p>
<p>Environmental</p>	<p>Operating temperature: 0-36° C, 32-97° F. 0-90% relative humidity, non-condensing</p>

CLIMET Exclusive Distributor

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