

# CI-90

Microbial air sampler - First stainless steel viable sampler with label printer



## **CI-90/CI-90+ Microbial Air Sampler**

**First stainless steel viable sampler with label printer.**

**100 liter per minute flow rate.**

**Mass flow controller provides optimal sample flow rate for increased accuracy.**

**Precisely performs a 1 cubic meter sample in 10 minutes (EU GMP Annex 1).**

**Built-in label printer provides regulatory traceability.**

**The CI-90 is designed for low particle emissions:**

- With filtered exhaust
- Each unit is factory certified for low emissions

**Inexpensive operation designed to use industry standard 90 mm petri dish.**

**Battery provides 7 hours continuous sampling.**

**The CI-90/CI-90+ incorporates Stainless Steel into critical assemblies for aseptic environments:**

- Enclosure
- Sample Head (CI-90 incorporates aluminum sample head)
- Locking Collar

**REMOTE SAMPLING? Contact CLiMET to discuss your application.**

# **CLiMET**®

**CLiMET INSTRUMENTS COMPANY**

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**Please Contact CLiMET To Arrange For A FREE  
Demonstration And Product Information.**

# CI-90 SPECIFICATIONS

Sample Lid: CI-90 : Aluminum sampling head. Autoclavable @ 134°C for 20 minutes  
CI-90+: Passivated 316 Stainless Steel. Autoclavable @134°C for 20 minutes

Enclosure: 304L Stainless Steel

Sample Flow Rate: 100 liters per minute (0.10 cubic meter or 3.53 cubic feet per minute)

Flow Rate Control: Electronic, automatic closed loop

Battery: Replaceable 9.6 Volts, nickel metal hydride (standard)

Battery Operation Time: 7 hours of continuous operation

Time To Charge Battery: 2.0 to 2.5 hours (internal charger)

Display: 4x20 character LCD

Printer: Thermal, prints on 5/8" tall by 2" wide thermal adhesive labels

Unit ID: User selectable; 6 characters long

User ID: Up to 10 users; 9 characters long

Security: Security to prevent settings changes or stopping of sampling

Location ID: Up to 100; 15 characters long

Input/Output: RS-232

Audible Alarm: Built-in

Alarm Limits: +/- 10% deviation from 100LPM flow rate

Dimensions: H-W-D: 7.5 X 8.1 X 9.9 inches (19.0 X 20.6 X 25.1 cm)

Weight: CI-90 : 10.5 lb (4.77 Kg) with battery  
CI-90+ : 12 lb (5.45 Kg) with battery

Power: Auto Switching: 100–240 VAC, 50/60 Hz

Operating Range: 32 - 97°F (0 - 36°C), 10–90% RH, non-condensing

Calibration: Factory prime calibration of flow system accuracy

Calibration Frequency: Recommended every 12 months

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