

Small Footprint,
Big Performance



Stable and
Precise Control



Size, Stability, and Usability

User-Friendly
Interface



Astec Quality
Built-in



Specification

External Dimensions	W660xD608xH107(mm)
Chamber Dimensions	W108xD180xH18.5/chamber(mm)
Chamber Capacity	300mL (with dish plate attached)
Number of Chambers	10
Temperature range	36.0-38.0°C
Temperature accuracy	±0.1°C
CO ₂ range	3.0-10.0%
CO ₂ accuracy	±0.2%
O ₂ range	3.0-10.0%
O ₂ accuracy	±0.2%
Weight	35kg

Classifications

EN ISO 14971:2019+A11:2021	IEC60601-1-2:2014+A1:2020
EN 60601-1:2006+A2:2021	IEC60601-1-6:2010+A1:2013
EN 60601-1-2:2015+A1:2021	IEC62304:2006+A1:2015
EN 62304:2006+A1:2015	IEC62366-1:2015+A1:2020
EN 62366-1:2015+A1:2020	(MDR) 2017/745
EN 55011/CISPR11	
IEC60601-1:2005+A2:2020 (ANSI/AAMI ES60601-1:2005+A2:2021)	

Optional accessory

An optional filter that absorbs VOCs can be connected to the circulation gas line. The addition of this option ensures a continuously filtered environment for each chamber.



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Beyond Control. Toward Confidence. EC10-MD Benchtop Medical Incubator



The Ideal Balance of

The EC10-MD provides a dependable incubation environment that excels even when space is at a premium. It achieves both a space-saving design and excellent temperature and CO₂ control. Furthermore, its practical design significantly enhances ease of daily operation.



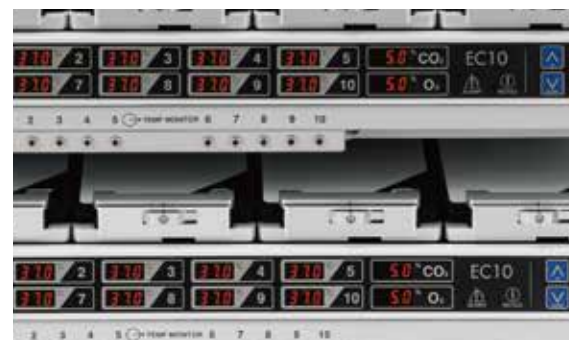
**Fit Anywhere,
Work Everywhere**

01 Compact design and ease of installation



Standard quick-release connectors help to prevent incorrect connection of the CO₂/O₂ tubing.

Flow sensors are placed in each chamber, allowing confirmation of the gas flow rate from the tank to each chamber.



02 Precise temperature and CO₂ control



Equipped with an external temperature measurement jack for Quality Control (QC) measurements.



**Precise Conditions,
Reliable Results**



**Usability
That Supports
Your Work**

03 Usability and secure design



Considering safety, it comes standard with a relief valve, ensuring safe use even with sudden changes in gas pressure.

The adoption of the D-Sub method for analog output improves safety by providing a locking mechanism for attachment.



04 Reliable quality and ease of maintenance



By incorporating two three-way valves, it is now possible to take in atmospheric air necessary for calibrations even while the incubator is in use. This speeds the calibration during routine maintenance and contributes to a reduction in downtime.

The ASTEC VOC filter comes standard. It is suggested to be replaced every 6 months.



**Astec Quality
You Can Trust**