



BENCH-TOP SHAKERS

Celltron

Designed for use in CO₂ incubators

For the best results in cell culture, every step counts. The Celltron is a small shaker specially developed for use in CO₂ incubators – one that uses minimal energy and has an antimicrobial coating, making it perfect for starting out with shaking cell cultures.

Experience the advantages of shaking cell cultures

Improved oxygen transfer and homogeneous availability of the nutrients in the culture medium result in significantly better, scalable growth than can be achieved with static cell cultures.

Don't give microorganisms a chance

The housing of our cell culture shakers is sealed with a certified antimicrobial coating, which reliably kills bacteria and fungi, thereby reducing the risk of contamination.

Guaranteed resistance to corrosion

The use of enhanced materials such as ABS plastic and stainless steel make the Celltron an outstanding choice for use under the corrosive conditions in incubators with humidification and CO₂ gassing.



Shake flask sizes
25 mL – 1000 mL



Suitable for
cell culture



Antimicrobial coating



Compatibility
With INFORS HT clamps, test tube holders, microtitre plates and Sticky Stuff.

Housing

- Corrosion resistant
- Antimicrobial coating

Drive

- Magnetic drive with gentle acceleration
- Minimum energy consumption keeps heat input in the incubator low
- Watertight

Operating unit

- External touch control unit mounts magnetically onto the outside of the incubator
- Intuitive operation for easy handling
- Precise parameter control and monitoring
- Integrated timer
- Visual and audible alarms

Accessories

- CGQ (Cell Growth Quantifier) for non-invasive online measurement of biomass in shake flasks
- Liquid Injection System (LIS) for automatic and parallelized liquid feeding in shake flasks
- Autoclavable trays made of corrosion resistant, anodized aluminium
- Sticky Stuff adhesive mats for a reliable fixation
- Stainless steel clamps for Erlenmeyer and Fernbach flasks
- Holders for test tubes or Falcon tubes

Technical data

Dimensions (W x D x H)	450 mm x 380 mm x 90 mm
Number of batches	49
Volume	3 L
Maximum load	2,5 kg
Rotation speed	20–200 min ⁻¹
Shaking throw	25 mm
Temperature	4 °C to 60 °C
Standard parameters	Rotation speed, timer
Power supply	110/230V ±10 %, 50–60 Hz

Tray capacity

Shake flask size	W tray (370 mm x 300 mm)
25 mL	48
50 mL	35
100 mL	23
250 mL	12
500 mL	8
1000 mL	5



«We tested Celltron in detail and recommend it for use in our incubators.»

**Heinz Bayer, Head of Technical Sales,
Memmert GmbH, Germany**



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