



Celltron

Your entry into shaken cell culture



- ▶ Best results
- ▶ Gentle magnetic drive
- ▶ Antimicrobial surface
- ▶ Minimal heat emission
- ▶ Intuitive operation
- ▶ Corrosion resistant
- ▶ Maximum reliability



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May be subject to technical amendments

INFORS HT

Developed for CO₂ incubators!

▶ Best results

The active, yet gentle mixing of cultures results in a considerably improved cultivation in comparison to static incubators.

▶ Gentle magnetic drive

The modern version of the renowned INFORS HT magnetic drive does not require a drive belt and is designed to be watertight. This most gentle drive unit has exceptionally smooth start-up and braking behaviour and was developed specifically for cell cultures.

▶ Antimicrobial surface

The housing of the Celltron utilises a paint additive of pure metallic silver which reliably kills microorganisms on the machine's surface. The certified antimicrobial surface serves to reduce the number of bacteria and fungi by a factor of at least 10⁵.

▶ Minimal heat emission

An unbelievable 4 watts suffice to power the drive, meaning that there is practically no heat dissipation into the incubator. This guarantees constant temperatures in the incubator and ideal conditions for your cells.

▶ Intuitive operation

The touch controller with timer function has modern touch keys with a separate display field. Its intuitive operation eliminates the need for users to receive specific training or instruction. The magnetic touch controller is affixed to the exterior of the incubator cabinet, allowing you to retain an overview of the operational status at all times.

▶ Corrosion resistant

The use of premium materials such as ABS plastic and stainless steel in its construction make the Celltron perfect for use under corrosive conditions with CO₂ gassing.

▶ Maximum reliability

The robust design and intuitive operation make a system failure or operator error practically impossible – and that translates into reliability for your cells!



Key technical data

Dimensions (W x D x H): 450 x 380 x 90 mm
Maximum load: 3.5 kg
Speed range: 20–200 rpm. Control accuracy ±1% of maximum speed
Shaking throw: Ø 25 mm
Temperature range: 4°C to 60°C (Touch Controller up to 45°C)
Humidity: up to 98% non-condensing (Touch Controller up to 60% rH)
Power supply: 110/230V ±10% (external)
 50–60 Hz, 14 W

Load capacity

| Erlenmeyer flasks (mL) | Max. capacity (pcs.) |
|------------------------|----------------------|
| 50 | 30 |
| 100 | 16 |
| 250 | 12 |
| 500 | 9 |
| 1000 | 4 |
| Fernbach flasks (mL) | Max. capacity (pcs.) |
| 2800 | 2 |

The data refers to a Celltron with a universal tray.

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