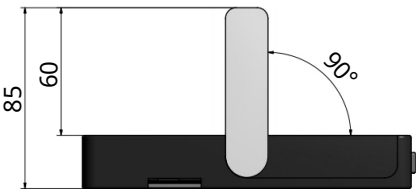
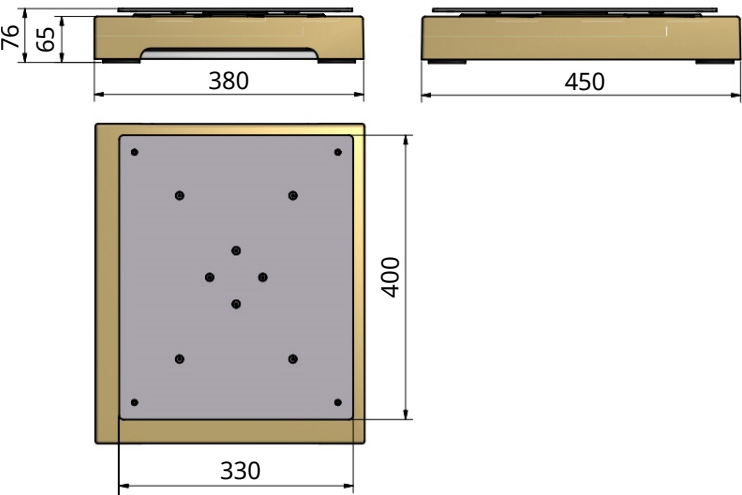


Celltron



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.

Dimensions and Weights



Dimensions	
Basic unit (w x d x h)	450 mm x 380 mm x 76 mm
Table (w x d)	400 mm x 330 mm
Operating panel (w x d x h)	155 mm x 95 mm x 25 mm
Universal table tray (w x d)	365 mm x 300 mm
Tray with Sticky Stuff (w x d)	400 mm x 330 mm
Length flat-ribbon cable	1.5 m
Length power cable	2 m
Required floor space	490 mm x 420 mm

Weights	
Basic unit	11 kg
Operating panel	0.4 kg
Universal table tray	0.9 kg
Tray with Sticky Stuff	1.5 kg

Technical Data

Shaker drive / rotation speed	
Drive	Magnetic drive
Direction of rotation	Clockwise
Throw	25 mm
Setting range	20 min ⁻¹ to 200 min ⁻¹
Increment setpoint	1 min ⁻¹
Accuracy measurement and control	± 4 min ⁻¹

Load	
Maximum load including tray	2.5 kg

Ambient conditions basic unit (bench-top shaker)	
Ambient temperature	4 °C to 60 °C
Ambient humidity, non-condensing	10 % to 98 %
CO ₂ content	Up to 20 % CO ₂
Altitude operating location	max. 2000 m above sea level
Minimum distance side and back	20 mm

Ambient conditions operating panel and power unit	
Ambient temperature	4 °C to 45 °C
Ambient humidity, non-condensing	10 % to 60 %
CO ₂ content	Only use outside of the CO ₂ cabinet.

Materials	
Housing	ABS plastic (acrylonitrile butadiene styrene), corrosion-free, antimicrobial coating
Operating panel	PVC, safety glass
Magnetic clip	Clip: polystyrene Grips: LDPE
Universal tray	1.4301, AISI 304
Sticky Stuff tray	Aluminium, anodised

Various	
IP rating housing	IP54
IP rating operating panel	IP32
Sound pressure	< 70 dB(C)
Heat output	4 W

Electrical connection and power values	
Mains voltage	100/230 V (± 10 %)
Mains frequency	50 Hz to 60 Hz
Operating voltage	24 VDC
Power unit output amperage	max. 1.88 A
Power consumption during typical use (average load at 100 min ⁻¹)	approx. 4 W