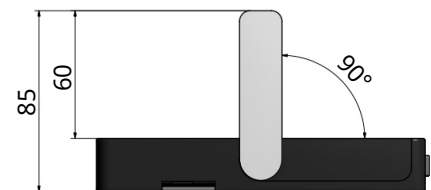
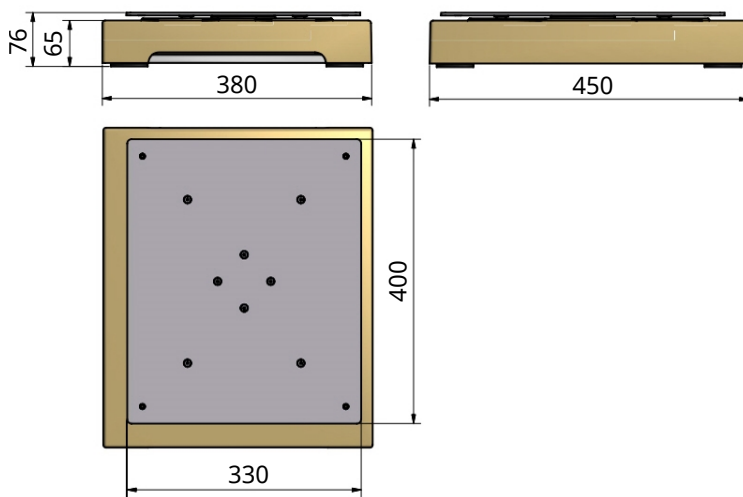


Celltron



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	Width	450 mm
	Height	76 mm
	Depth	380 mm
Table	Width	400 mm
	Depth	330 mm
Operating panel		155 mm x 95 mm x 25 mm
Universal table tray		365 mm x 300 mm
Tray with Sticky Stuff		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

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 control (at maximum rotation speed, full scale)	± 1 %

Load	
Load max. incl. tray	2.5 kg

Ambient conditions basic unit (bench-top shaker)	
Ambient temperature	4 °C to 60 °C
Ambient humidity	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	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