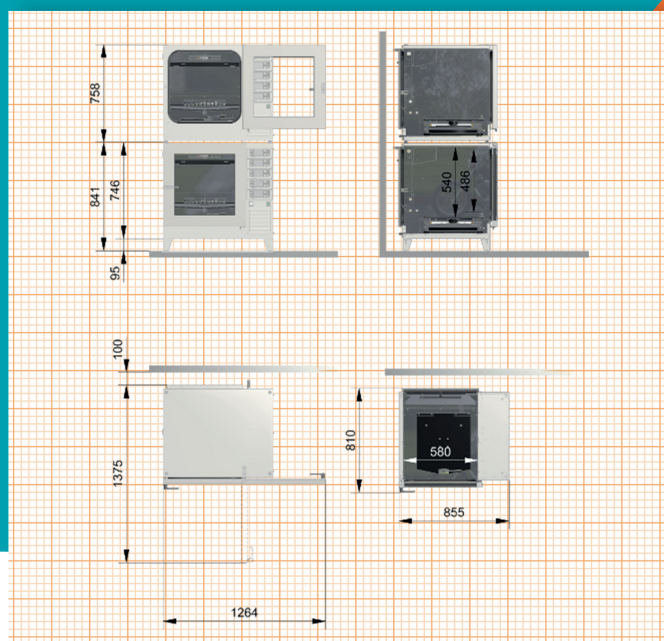


Dimensions



Technical data	LT-X(C)* Basic	LT-X(C)* EcoDew®	LT-X(C)* Compressor
Cooling	no	no	yes
Humidity control	no	yes	no / yes
Temperature minimum	ambient +10°C	ambient +10°C	ambient -15°C (-10°C)*
Temperature maximum	80°C (60°C)*	80°C (60°C)*	80°C (60°C)*
Humidity maximum	-	85 % r.h.	- / 85 % r.h.
Power consumption	< 700W	< 1050W	< 880W / < 1150W

Machine		Temperature		O ₂	
Gas volume	260 l	Setting, digital	0.1°C	Principle of sensor	Zirkonoxyd
Weight (with cooling)	170 kg	Accuracy, absolute (across the tray)	± 0.30°C (37°C)	Measuring range	0...20.9% O ₂
Illumination	LED	Principle of sensor	Pt-100	Setting, digital	0.1%
Operation menu in	de, fr, it, en, es	Power of heating	500W	Accuracy, absolute	± 0.40% at 5% O ₂
Interface, standard	CAN-Bus	Power of cooling	90...155W	Temperature range	-10...80°C
Interface, optional	USB, Ethernet, digital, analogue	Air circulation	160m3/h	N2-supply	max. 0.5...0.8 bar overpressure
Ambient temperature	10°C up to 35°C				

Shaking unit		Humidity		*XC incubator shakers are optimised for cell cultivation	
Tray, size	EX (500x420mm)	max. at 25...55°C	85% r.h.	+ CO ₂ control included as standard	
Loading, maximum	25kg	Setting, digital	1% r.h.	+ Temperature max.: 60°C	
Setting, digital	1rpm	Accuracy, absolute	± 2% r.h.	+ Improved temperature accuracy: ± 0.25°C (37°C)	
Accuracy, absolute	± 0.5 rpm	Principle of sensor	capacitive		
Timer	1s ... 999h	Water refill	automatic		
Acceleration	controlled	Water heater	180W		
Active brake	adjustable	Door heater	90W		
Stop on position	adjustable				

Shaking motion	Speed	CO ₂		Mains connection	
* orbital, Ø 12.5 mm	20...500 rpm	Principle of sensor	Infrared, NDIR	220-240 V / 50-60 Hz	
* orbital, Ø 25.0 mm	20...400 rpm	Measuring range	0...20% CO ₂	190-210 V / 50-60 Hz	
* orbital, Ø 50.0 mm	20...300 rpm	Setting, digital	0.1%	110-120 V / 50-60 Hz	
* linear, 12.5 mm	20...400 rpm	Accuracy, absolute	± 0.40% at 5% CO ₂	95-105 V / 50-60 Hz	
* linear, 25.0 mm	20...300 rpm	(including non-linearity, repeatability and calibration uncertainty)			
* linear, 50.0 mm	20...200 rpm	Temperature range	5...60°C		
* can be changed/other diameters on request		CO ₂ -supply	max. 2 bar overpressure		

Technical data subject to change