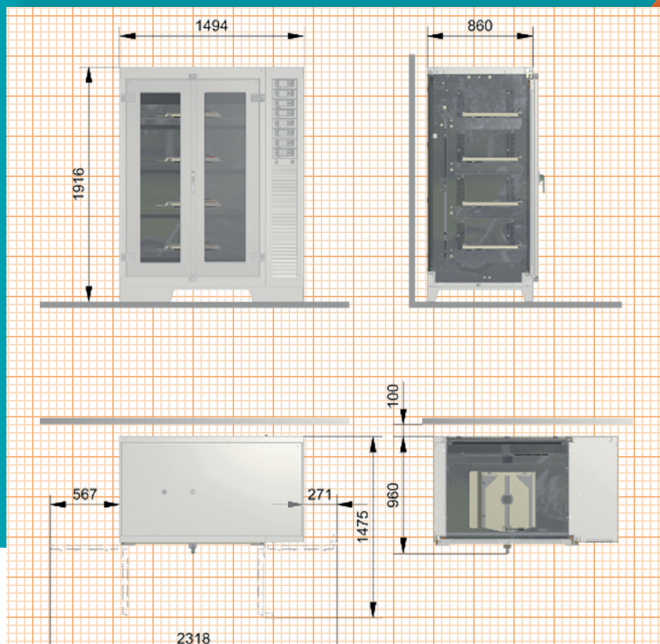


Dimensions



Technical data	ISF4-X(C)* Basic	ISF4-X(C)* Compressor
Cooling	no	yes
Humidity control	no	no / yes
Temperature minimum	ambient + 10°C	ambient - 10°C
Temperature maximum	80°C (60°C)*	80°C (60°C)*
Humidity maximum	-	- / 85 % r.h.
Power consumption	< 1700W	< 2000W / < 2600W

Machine		Temperature	
Gas volume	1272 l	Setting, digital	0.1°C
Weight (with cooling)	520 kg	Accuracy, absolute	
Weight with 4xSF-X	720 kg	(across the tray)	± 0.30°C (37°C)
Illumination	2 fl lamps	Principle of sensor	Pt-100
Operation menu in	de, fr, en, it, es	Power of heating	1000W
Interface, standard	CAN-Bus	Power of cooling (electric)	150...420W
Interface, optional	USB, Ethernet	Air circulation	700m3/h
	digital, analogue		
Ambient temperature	10°C up to 35°C		

Shaking unit SF-X		Humidity	
Tray, size	F (800x420mm)	max. at 25..55°C	85% r.h.
Loading, maximum	25kg	Setting, digital	1% r.h.
Setting, digital	1 rpm	Accuracy, absolute	± 2% r.h.
Accuracy, absolute	± 0.5 rpm	Principle of sensor	capacitive
Timer	1s ... 999h	Water refill	automatic
Acceleration	controlled	Water heater	300W
Active brake	adjustable	Door heater	220W
Stop on position	adjustable		

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

* XC incubator shakers are optimised for cell cultivation

- + CO₂ control included as standard
- + Temperature max.: 60°C

Mains connection

220 - 240 V / 50-60 Hz

190 - 210 V / 50-60 Hz

Technical data subject to change