

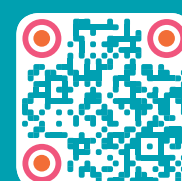
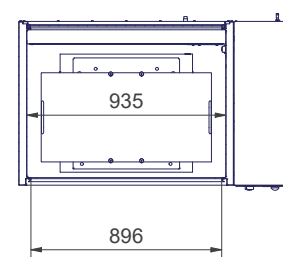
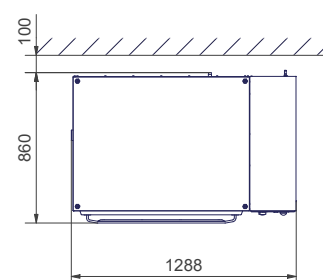
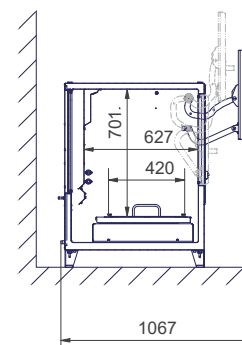
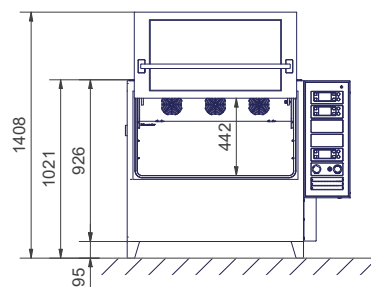
	Unit	ISF1-Z Basic ISF1-ZC Basic
Temperature Control		
Cooling	yes/no	no
Temp. minimum	°C	RT + 10
Temp. maximum	°C	80 (60 with CO ₂ control)
Temperature distribution at 37°C	±°C	< 0.20
Power of heating (electric)	W	800 (resistance)
Power of cooling (electric)	W	-
Principle of temp. sensor	type	Pt-100
Gas circulation	m ³ / h	570

CO₂ Control		
CO ₂ max.	%	20
CO ₂ min.	%	0
Accuracy absolute	±%	0.40 at 5% CO ₂
Temperature range	°C	up to 60
CO ₂ supply	bar	max. 2 bar overpressure
Principle of sensor	type	Infrared

Shaking Control		
Motor	type	direct drive
Shaking diameter (user-adjustable, all incl.)	mm	3/6/9/12.5/19/25/50/70 (0-70 mm, stepless)
Shaking motion	type	orbital
Shaking frequency 12.5 mm	rpm	0/20-500
Shaking frequency 25 mm	rpm	0/20-400
Shaking frequency 50 mm	rpm	0/20-300
Shaking frequency 70 mm	rpm	0/20-250
Tray size max.	mm	F (800 × 420 mm)
Loading max.	kg	25 (up to 60**)
Setting, digital	rpm	1
Accuracy absolute	±rpm	0,5
Timer	s: h	1 s - 999 h
Acceleration		controlled
Active brake		adjustable
Stop on position		yes
Power of standard motor (EM-Z / EM-Z (HP/HS))	W	70/140

General		
Power consumption typical	W	approx. 220
Power consumption max.	W	approx. 1000
Incubation gas volume	L	555
Weight	kg	257
Illumination	type	LED
Operation menu MMI		DE, FR, EN, IT, ES
Operation menu Insight		EN
Interface, standard		CAN-Bus
Interface, optional		USB, Ethernet, digital, analogue
Ambient temperature	°C	10-35
Cable feedthrough port	mm	40
Dimensions (L x D x H)	mm	1288 x 860 x 1021
Material incubation chamber		stainless steel
Material outer chamber		painted stainless steel
Useful height above shaker tray	mm	705
Door glass and frame		-

Technical data subject to change



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