

## **Technical Data Sheet**

ULT Freezer -86°C

			_		ANUFACTU	
			KW Apparecchi Scientifici S.r.l. Via della Resistenza 119 - 53035 Monteriggioni (SI) - Italy			
					60S HPL IN - 2	
			9			
•			Storago		AL CHARAC	506 lt
				Volume	220 (wii	th full load of 20 racks)
				Boxes (h=2") Capacity 320 (window 320) Second Secon		-40°C / -86°C
				nate Class		-40 C / -80 C
				Supply	220V-230V / 1 / 50-60Hz	
			nsumption			
				e Level	< 52 dB	
		STRU	CTURE	20101		
Internal Surface	Stainless Steel AIS			lves	n°3 ir	n AISI 304 S.S. + base
External Surface	White pre-painted steel sheet		Compa	rtments		4
External Dimensions	106 W x 110 D x 202 H cm			Doors		4
Internal Dimensions	70 W x 65 D x 130 H cm		Har			design with key lock system
Weight	320 kg		(n°2) Do	oor Type	One wing, solid type	
Shipping Size	130 W x 130 D x 220 H cm		Door Sealing		Heated triple silicone gasket	
(with wooden crate)	420 kg				4 pivoting wheels (front wheels w/brake	
Int/Ext Edges	Rounded for easy cleaning		Standard		Int/Ext pass-through hole	
Insulation	140 mm (High density PUR foam)		Equip	ment	Pressur	re compensation valve
		REFRIGERAT	ION SYSTEM	N	1	·
	Double indepen	dent refrig. sy	stems (4 comp	ressors + 2 eva	aporators) arra	anged in cascade
Cooling System	Alternate operation with fully automatic management					
	The life span	has almost do	as almost doubled, with mechanical wear being halved			
	If one system fails, the control syste 1° Stage R1270		system signals	s the event and	d excludes the	system in failure
Refrigerant Gases			270	0 2° S		R170
Evaporating System	Copper tube co	oil thermally co	onnected to th	nected to the outer peripheral surface o		f the inner case
Condensing System		Air-type high-s	surface conder	nser, for forced	d air circulation	n
Defrost	Manual					
Denost			Ma	nual		
Denost	D	IGITAL CON	Ma TROL SYSTE			
HPL (High Performance Line)	D	IGITAL CON	-			
HPL (High Performance Line) Display			TROL SYSTE	RM9 technolog	y (n°2 indipen	dent motherboards)
HPL (High Performance Line) Display T Regulation Accuracy	Display touch-scree	n TFT 7" - Mici	TROL SYSTE	RM9 technolog		
HPL (High Performance Line) Display T Regulation Accuracy Thermal Probes	Display touch-scree	n TFT 7" - Mici probes RTD P	TROL SYSTE	RM9 technolog .1°C .1 for thermor	egulation - n.1	
HPL (High Performance Line) Display T Regulation Accuracy Thermal Probes Available Languages	Display touch-scree	n TFT 7" - Mici probes RTD P Italian /	TROL SYSTE	M9 technolog 1°C 1 for thermor ch / Spanish /	egulation - n.1 German	
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