APPARECCHI SCIENTIFICI

Technical Data Sheet

ULT Freezer -86°C

	MANUFACTURER				
	KW Apparecchi Scientifici S.r.l.				
(KW)		Via della Resistenza 119 - 53035 Monteriggioni (SI) - Italy			
	MODEL				
	K58 HTS IN UP V				
		Upright Ultra-low Temperature Freezer			
		TECHNICAL CHARACTERISTICS			
٢		Storage	Volume	358 lt	
		Boxes (h=2	") Capacity	240 (with full load of 20 racks)	
		Temperati	ure Range	-50°C / -86°C	
		T stal	bility	± 0,2°C (with set point -80°C)	
		T unifo	ormity	± 4°C (with set point -80°C)	
		Climat	e Class	Ν	
		Power	Supply	220V-230V / 1 / 50-60Hz	
		Power Consumption		0,6 Kw	
		Noise	Level	< 45 dB	
	STRUC	CTURE			
Internal Surface	Stainless Steel AISI 304	She	lves	n°3 in AISI 304 S.S. + base	
External Surface	White pre-painted steel sheet	Compar	tments	4	
External Dimensions	105 W x 84 D x 189 H cm	Inner Doors		4	
Internal Dimensions	sions 70 W x 46 D x 111 H cm		ıdle	Ergonomic design with key lock system	
Weight	270 kg	Door	Туре	One wing, solid type	
Shipping Size	130 W x 115 D x 215 H cm	Door S	ealing	Heated triple silicone gasket	
(with wooden crate)	360 kg			4 pivoting wheels (front wheels w/brake)	
Int/Ext Edges	Rounded for easy cleaning	Stan	dard	Int/Ext pass-through hole	
Insulation	140 mm (PUR 80 mm + V.I.P. 60 mm)	Equip	ment	Pressure compensation valve	
	REFRIGERATION SYSTEM				
Fully sealed circuit					
Cooling System	n°2 hermetic compressors at variable speed equipped with inverter, arranged in cascade				
Refrigerant Gas	1° Stage R1270 2° Stage R170				
Evaporating System	Copper tube coil thermally co	onnected to the	e outer periph	neral surface of the inner case	
Condensing System	Air-type high-s	urface conden	ser, for forced	air circulation	
Defrost		Mar	nual		
	DIGITAL CON	TROL SYSTE	М		
HTS (High Tochnology System)					
	Display Touch-Screen TFT 7" - Microprocessor technology (n.2 indipendent motherboards)				
Display	Display Touch-Screen TFT 7" - N	Aicroprocessor	technology (n.2 indipendent motherboards)	
Display T regulation accuracy	Display Touch-Screen TFT 7" - N	Aicroprocessor ± 0.	technology (1°C	n.2 indipendent motherboards)	
Display T regulation accuracy Thermal Probes	Display Touch-Screen TFT 7" - N n.2 thermal probes RTD Pt	Aicroprocessor ± 0. 100 class A (n.	technology (1°C 1 for thermore	n.2 indipendent motherboards) egulation - n.1 for T alarm)	
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