

## Thermostatic Chambers (FDMT-1830-T Series)

		FDMT-1830-T-PRO Touch Screen Controller	FDMT-1830-T PID Constant Controller	
<b>(1) Temperature Performance:</b>				
Temperature Range	(S)	0 to +70°C		
	(B)	-25°C to +70°C		
Temperature uniformity depending on setpoint		0.5 to 2.5±°C		
Temperature fluctuation depending on setpoint		0.1 to 0.5±°C		
Average heating-up rate according to EN 60068-3-5		+2°C/Min		
Average cooling down rate according to EN 60068-3-5		-1°C/Min		
<b>(2) Dimensions and Weight:</b>				
External Dimensions	Width	2250 mm		
	Depth	820 mm		
	Height	2100 mm		
Internal Dimensions	Width	2090 mm		
	Depth	670 mm		
	Height	1340 mm		
Internal net volume		1830 L		
Net weight (Empty)		360 Kg		
<b>(3) Doors and Shelves:</b>				
Number of doors		3		
Number of shelves	Standard	9	Maximum	14
Shelf Dimension	Width	530 mm	Depth	650 mm
Permitted load per rack		30 Kg (Optional 35 Kg)		
Shelf Type		Removable and height adjustable stainless-steel grid		

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<b>(4) Controller:</b>			
Controller		Touch Screen <b>revoFACE</b> Fully programmable	Constant PID Controller <b>stillFACE</b>
<b>(5) Materials of Construction:</b>			
External materials		White coated galvanized steel or full Stainless steel AISI 304	
Internal materials		AISI 304 Stainless Steel	
Insulation		CFC and HCFC free	
Shelves		Stainless-steel grid	
<b>(6) Safety:</b>			
Temperature		Class 2 independent adjustable temperature safety devices (DIN 12880)	
Alarms		Audio-Visual	
<b>(7) Other Technical Specifications:</b>			
Sound-pressure level		60 dB(A)	
Ventilation		Fan forced ventilation	
<b>(8) Electrical Data:</b>			
Voltage		220 / 240 VAC single phase	
Frequency		50 Hz	
Nominal power		2.7 kW 3.1 kW (For -25°C to +70°C models)	
Unit fuse		16A	

### Main Options:

- Ethernet interface for remote connection
- Interface port RS485
- Upgrade. 50 program 200 step for revoFACE
- Interior socket coverable universal 220-230 V
- Internal compartments lexan door
- Flooding system for EN1348-2007
- Relative humidity decreasing up to 2% at 20°C
- Power supply 110 V 50-60 Hz
- CO2 Regulation System for EN 12390-10
- Cable Hole
- USB port
- Double tempered glass door
- Swivel castors with chamber lock
- Reinforced stainless steel shelf