

# MT100

## Technical data sheet

CFC / HCFC free:	yes
Climate class:	SN / T
Ambient temperature range °C:	+10 to +43
relativ humidity range at °C ambient:	<= 75%
<b>Voltage V:</b>	<b>AC 100-130 / 220-240 - DC 13.7 / 27.4</b>
<b>Frequency Hz:</b>	<b>50/60</b>
Fuse Amp:	10
Power W:	AC : 150 - DC 13.7V : 135 / DC 27.4V : 200
Starting power W:	
Energy consumption Kwh/24h:	
Heat ejection Kcal/h:	
Running time %:	
Noise level dB(A) (in 1m height +1m distance):	
Accu data / function time:	not possible
Defrosting technique:	automatic
Compressor manufacturer:	Danfoss
Compressor type:	BD50F
Cooling capacity W (ASHRAE):	
Capillary tube, inner diam x length mm:	0.7x2000
Refrigerant type:	R134a
Refrigerant quantity g:	70
Starting current A:	
Running current A:	AC 220-240V : 1 - DC 13.7V : 10 / 27.4V : 8
Door insulation mm:	38
Cabinet insulation mm:	50
K value W/m <sup>2</sup> xK at 20°C #:	
Hold over time h:	
Net volume l:	48x0.45=21.6
Gross volume l:	90
Internal width mm:	306
Internal depth mm:	545
Internal height mm:	450
External width mm:	520
External depth mm:	800
External height mm (with recorder):	1000
Net weight kg (with standard equipment):	52
Protection class:	I
EMC directive:	2004 / 108 / EG
Low voltage directive:	2006 / 95 / EG
GS certificate:	
Medical device directive:	93/42/EEC
GMP-clean room classification:	
ATEX-categorie III, zone 2, interior:	not possible

Subject to changes without prior notice !

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**Measurement conditions: +25°C ambient temperature except of #  
all appliances without load**