

Laboratory Upright Freezer ProfiMaster PMU10..

- Static cooling and manual defrost (forced air circulation optional)
- Operating panel with micro-processor driven temperature controller and digital displays for set value and actual value
 - Visual/audible alarm device, mains-independent
 - No-volt remote alarm contact for connection to an alarm system on the premises
- RS 485 port
- 10 mV/K terminal for connection to a temperature recorder
- External housing made of stainless steel CNS
- Energy saving vacuum insulation
- Door lockable, door stop on left
- Interior made of stainless steel (CNS)
- 1 stainless steel shelf, perforated plate with 4 support brackets



ProfiMaster PMU10..-1 figure with stainless steel insert (see accessories) and 50 mm EPPi® Boxes (see sep. brochure)

Model ProfiMaster	PMU1050-1	PMU1050-2	PMU1080-1	PMU1080-2
Temperature range	°C: -10/-50	-10/-50	-50/-80	-50/-80
	Other temperature ranges available on request.			
Content litres (gross):	100	100	100	100
Ext. dimensions (WxDxH) mm:	680x730x1160	930x630x745	680x730x1160	930x630x745
Int. dimensions (WxDxH) mm:	453x453x503	453x453x503	453x453x503	453x453x503
Depth with door opened mm:	1435	1335	1435	1335
Weight kgs:	131	125	131	125
Mains connection volts/Hz/ph:	230/50/1	230/50/1	230/50/1	230/50/1
Refrigerant	R507	R507	R507/R508	R507/R508
Shipping dimensions mm:	1020x780x1400	1020x780x790	1020x780x1400	1020x780x790
Shipping weight kgs:	150	145	150	145

Alternative units: ProfiLine Pegasus PLPE 0486 and ProfiFrost.

Model	Outside / Inside	Cat. No.
ProfiMaster PMU1050-1	CNS / CNS	GSPMU1050-1
ProfiMaster PMU1050-2	CNS / CNS	GSPMU1050-2
ProfiMaster PMU1080-1	CNS / CNS	GSPMU1080-1
ProfiMaster PMU1080-2	CNS / CNS	GSPMU1080-2



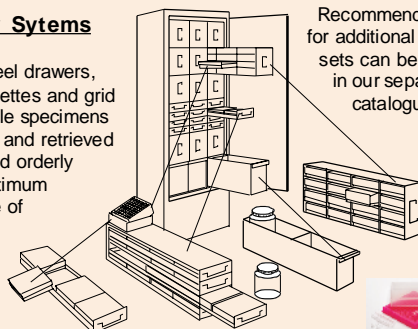
ProfiMaster PMU10..-2 figure with EPPi-Rack inserts and EPPi® Boxes (see sep. brochure)

Accessories

	Cat. No.
ProfiTec Temperature Monitoring and Recording System (see sep. brochure).	GPTEC4A
ProfiCaller telephone dialler (see sep. brochure).	ZXX2-009-TX
30-day linear temperature recorder with fanfold paper (inside base cover).	ZXX2-030S
Spare paper for 30-day linear temperature recorder (pack with 10 pcs.).	ZXX2-034
Pt-100 temperature sensor, add. installed for ext. temperature recording.	ZPM2-023-2L
Forced Air Circulation (not for -80°C-Version).	on request
CO ₂ back-up system, free-standing.	ZXX2-092
Facilities for customer connection of CO ₂ back-up system.	ZPM2-094
4 castors (2 lockable), factory assembled.	ZXX5-020
Stainless steel shelf, perforated plate, 4 support brackets.	ZPMU4-444x440CNS
Duct to storage compartment 19 mm in diameter.	ZPM1-002-20
Stainless steel insert for 50 mm Cryo Boxes (see fig. PMU 10..-1).	ZPMU3-001
Modifications for other boxes on request.	
MIN/MAX thermometer to be placed in refrigerators or freezers.	ZXX2-019-001
Measuring range -50/+50°C, an add. temperature sensor is not required.	
MIN/MAX digital thermometer. Hand-held unit with digital display as well as data-hold and relative measuring function. Measuring range -200/+1370°C.	ZXX2-019-011
An add. temperature sensor is required, eg. Cat.-No. ZXX2-022-100.	
Temperature sensor for MIN/MAX thermometer ZXX2-019-011.	ZXX2-022-100
Measuring range -100/+1000°C. Length 2 m. Other ranges on request.	

Inventory Systems

Stainless steel drawers, freezer cassettes and grid inserts enable specimens to be stored and retrieved in a clear and orderly manner. Optimum use is made of the storage capacity.



Recommendations for additional storage sets can be found in our separate catalogue.



Please ask for a personal fitting option.



Innovation prize

ProfiTec Intelligent Temperature Monitoring and Recording System



- For up to 4 refrigerators and/or freezers
- Readings are stored over a period up to 781 days
- Warning for excess and insufficient temperature
- Includes No-volt remote alarm contact
- The measuring protocol can be fed to PC via RS 232 port



MIN/MAX digital thermometer with add. temperature sensor

[Http://www.kryobox.de](http://www.kryobox.de)

National Lab GmbH
 Grambeker Weg 157
 D-23879 Moelln
 Tel.: +49 45 42 / 84 91 - 70
 Fax: +49 45 42 / 84 91 - 71
 e-Mail: LabSales@NationalLab.com