



Thermal Innovations and Products

Product Catalogue 2010

► LabAutomation

CPAC / HeatPAC Devices

Compact heated & cooled position for standard SBS plates / tubes. For use on robotic platforms and systems, prepared for use in customer IVD applications.

Product	Article No.	Dimensions W x D x H (mm)	Weight (kg)	Temperature range
CPAC Microplate	7000179	89 x 128 x 103	1,0	+4°C to +70°C
CPAC Microplate HT	7000195	89 x 128 x 103	1,0	+4°C to +90°C
CPAC Microplate HT 2-TEC	7000163	89 x 128 x 112	1,1	+4°C to +110°C
CPAC Microplate Cyclers HT 2-TEC	7000161	89 x 128 x 103	1,1	+4°C to +110°C
CPAC Ultraflat	7000190	88 x 128 x 80	1,0	+4°C to +70°C
CPAC Ultraflat HT	7000191	88 x 128 x 80	1,0	+4°C to +90°C
CPAC Ultraflat HT 2-TEC	7000166	88 x 128 x 80	1,0	+4°C to +110°C
CPAC Ultraflat Cyclers HT 2-TEC	7000164	88 x 128 x 80	1,0	+4°C to +110°C
HeatPAC	7900044	88 x 128 x 40	0,5	Amb. to +135°C



Adapter plates for different kinds of disposables are available, including customizing. Height without upper delrin frame. The CPAC cyclers devices are optimized for temperature cycling, the other CPAC devices are optimized for maintaining a constant temperature in the disposable.



TEC Control

Plug & play temperature & RPM controller for use with CPAC, HeatPAC and Shaker devices. Settings are adjustable manually through touch screen or by PC through USB interface. Power input: 100 - 230 V, 50/60 Hz. MTC controls up to six different devices simultaneously and independently, STC controls one device. Prepared for use in customer IVD applications.

Product	Article No.	Dimension W x D x H (mm)	Weight (kg)	Interface
Multi TEC Control (MTC)	8900030	185 x 249 x 264	5,3	USB
Single TEC Control (STC)	8900031	290 x 184 x 114	4,3	USB



Automated Hotel

12 Position incubator for microplates and / or deepwell plates, featuring independently controlled drawers with high accuracy.

Product	Article No.	Dimension W x D x H (mm)	Weight (kg)	Temperature range
Automated Hotel	8200010	475 x 387 x 298	30	+4°C to +60°C



Incubators

Stackable single position incubators for heating and shaking of microplates. Prepared for use in customer IVD applications.

Product	Article No.	Dimension W x D x H (mm)	Temperature range	Shaking performance	
				Max. rpm	Amplitude
Incubator MP	7300003	149 x 268 x 52	Ambient to +80°C	–	–
Incubator DWP	7300006	149 x 269 x 104	Ambient to +80°C	–	–
Incubator Shaker MP	7300013	149 x 268 x 87	Ambient to +80°C	1.800	2 mm



Available Auxiliary Equipment:

Product	Article No.	Input	Power Output
Power Supply FSP-180 AAA	2400121	110-230 V 50/60 Hz	24V / 7A
Power Supply SPU45E	2400122	110-230 V 50/60 Hz	24V / 2A

Note:

2400121: suited for 3 devices Incubator Shaker MP/Incubator DWP or 7 devices Incubator MP

2400122: suited for 1 device



Temperature Controlled Shakers

Compact heated & cooled shaker for standard SBS plates / tubes. For use mainly on robotic platforms and systems, stand alone usage is also possible.

Product	Article#	Dimension W x D x H (mm)	Temperature range	Shaking performance	
				Max. rpm	Amplitude
Variomag Teleshake 95	7100136	103 x 146 x 58	Ambient to +95°C	2.000	2 mm
Variomag Thermoshake	7100146	104 x 147 x 119	+4°C to +70°C	2.000	2 mm
Variomag Teleshake	3800047	103 x 146 x 40	-	2.000	2 mm

Adapter plates for different kinds of disposables are available, including customizing.



Verification Tools

Cordless verification plate in SBS format for measuring the temperature and shaking performance. Prepared for use in customer IVD applications. USB interface.

Product	Article No.	Dimension W x D x H (mm)	Temperature range	Shaking RPM range
INHECO Measurement Plate IMP	7901000	86 x 128 x 15	+0°C to +60°C	0-2.400



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