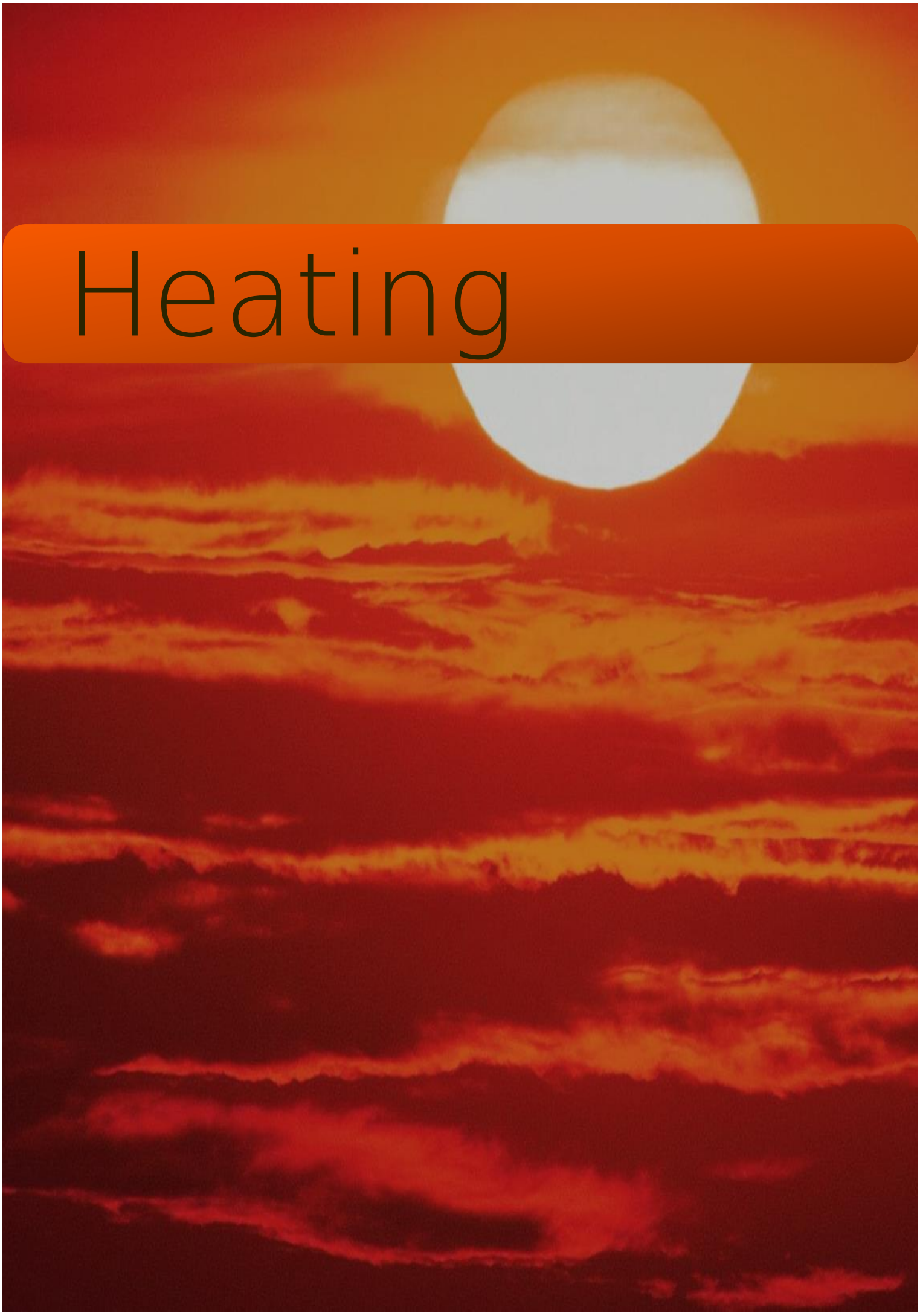
Heating

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HEATING PLATE

Ref. 1500

GENERAL CHARACTERISTICS

* Circular heating plate of solid steel.
* External injection cabinet painted in epoxy.
* It incorporates a safety thermostat that disconnects the plate if the temperature exceeds 350ºC..
* Electronic voltage regulation that allows variation of the power between 10% and 100% of this voltage.
* As an option, it can be fitted with a connection in the rear end for a contact thermometer or a digital programmer.
* It is equipped with a luminous start-up switch and a pilot light to indicate the operation of the resistance.

Manufactured according to EC directives.

Ref	Dimensions W x H x D	Surface	Max. temp	Consumption (W)	Weight (Kg)
1500	180 x 125 x 220mm.	Ø 150 mm.	350ºC	500	2

Ref	Accessories
1521	Rear power outlet for contact thermometer
1520	Bar supports 12 Ø x 450 mm. adaptable to the cabinet
1735	Digital programmer

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HEATING PLATE

Ref. 1501

GENERAL CHARACTERISTICS

* Circular heating plate of solid steel.
* External injection cabinet painted in epoxy.
* It incorporates a safety thermostat that disconnects the plate if the temperature exceeds 350ºC..
* Electronic voltage regulation that allows variation of the power between 10% and 100% of this voltage.
* As an option, it can be fitted with a connection in the rear end for a contact thermometer or a digital programmer.
* It is equipped with a luminous start-up switch and a pilot light to indicate the operation of the resistance.

Manufactured according to EC directives.

Ref	Dimensions W x H x D	Surface	Max. temp	Consumption (W)	Weight (Kg)
1501	180 x 125 x 220mm.	Ø 150 mm.	350ºC	1000	2

Ref	Accessories
1521	Rear power outlet for contact thermometer
1520	Bar supports 12 Ø x 450 mm. adaptable to the cabinet
1735	Digital programmer

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CIRCULAR HEATING PLATE

Ref. 1502

CARACTERÍSTICAS GENERALES

* Circular heating plate of solid steel Ø 150mm. Power 1500 W.
* 7-power switch.
* External cabinet 265 x 265 mm.
* Enamelled box with high resistance to heat and chemicals.
* Pilot operating indicator.

Manufactured according to EC directives.

Ref	Dimensions W x H x D	Surface	Max. temp	Power (W)	Weight (Kg)
1502	265 x 125 x 265mm.	Ø 150 mm.	400ºC	1500	2

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CIRCULAR HEATING PLATE

Ref. 1503

CARACTERÍSTICAS GENERALES

* Circular heating plate of solid steel Ø 180mm. Power 2000 W.
* 7-power switch.
* External cabinet 265 x 265 mm.
* Enamelled box with high resistance to heat and chemicals.
* Pilot operating indicator.

Manufactured according to EC directives.

Ref	Dimensions W x H x D	Surface	Max. temp	Power (W)	Weight (Kg)
1503	265 x 125 x 265mm.	Ø 180 mm.	400ºC	2000	3

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DIGITAL HEATING PLATES PCR SERIES.

Ref. 1530

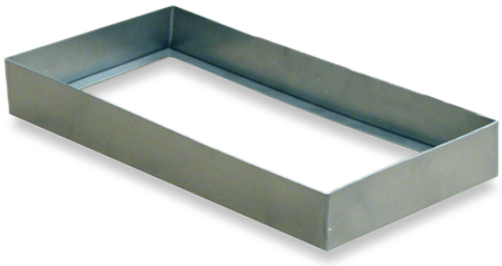
GENERAL CHARACTERISTICS

* Plate constructed in stainless steel AISI 316.
* Stainless steel surface, easy to keep clean and resistant to corrosion.
* Heating elements distributed evenly throughout the whole plate thus providing good uniformity in temperature.
* Metallic cabinet painted in epoxy.
* Excellent thermal isolation that prevents the transmission of heat to the cabinet where the control elements are located.
* Maximum temperature on the surface of the plate up to 400ºC.
* Temperature control with Digital regulation with a "J-type thermocouple" temperature probe with a precision of 0.5% full scale, PID regulation, Auto-tuning (self-adjustable) and a display. Resolution 1ºC.
* The possibility of incorporating a stainless steel basin for sand baths.

Manufactured according to EC directives.

Ref	Useful measures W x D	Ext. measures W x H x D	Max. temp	Power
1530	200 x 400mm.	190 x 220 x 480mm	400ºC	2000W.

Ref	Accessories
1560-1	Stainless steel basin for sand baths: 190 x 220 x 480 mm.
	Aluminium surface or inox surface (consult)
	External probe to control the sample temperature (consult)



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DIGITAL HEATING PLATES PCR SERIES.

Ref. 1531

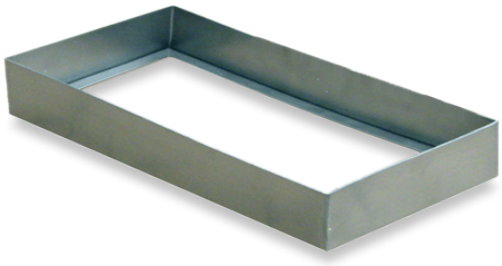
GENERAL CHARACTERISTICS

* Plate constructed in stainless steel AISI 316.
* Stainless steel surface, easy to keep clean and resistant to corrosion.
* Heating elements distributed evenly throughout the whole plate thus providing good uniformity in temperature.
* Metallic cabinet painted in epoxy.
* Excellent thermal isolation that prevents the transmission of heat to the cabinet where the control elements are located.
* Maximum temperature on the surface of the plate up to 400ºC.
* Temperature control with Digital regulation with a "J-type thermocouple" temperature probe with a precision of 0.5% full scale, PID regulation, Auto-tuning (self-adjustable) and a display. Resolution 1ºC.
* The possibility of incorporating a stainless steel basin for sand baths.

Manufactured according to EC directives.

Ref	Useful measures W x D	Ext. measures W x H x D	Max. temp	Power
1531	250 x 500mm.	190 x 220 x 580mm	400ºC	3000W.

Ref	Accessories
1560-2	Stainless steel basin for sand baths: 190 x 280 x 580 mm.
	Aluminium surface or inox surface (consult)
	External probe to control the sample temperature (consult)



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DIGITAL HEATING PLATES PCR SERIES.

Ref. 1532

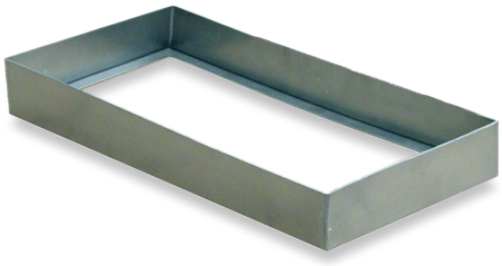
GENERAL CHARACTERISTICS

* Plate constructed in stainless steel AISI 316.
* Stainless steel surface, easy to keep clean and resistant to corrosion.
* Heating elements distributed evenly throughout the whole plate thus providing good uniformity in temperature.
* Metallic cabinet painted in epoxy.
* Excellent thermal isolation that prevents the transmission of heat to the cabinet where the control elements are located.
* Maximum temperature on the surface of the plate up to 200ºC.
* Temperature control with Digital regulation with a "J-type thermocouple" temperature probe with a precision of 0.5% full scale, PID regulation, Auto-tuning (self-adjustable) and a display. Resolution 1ºC.
* The possibility of incorporating a stainless steel basin for sand baths.

Manufactured according to EC directives.

Ref	Useful measures W x D	Ext. measures W x H x D	Max. temp	Power
1532	200 x 400mm.	190 x 220 x 480mm	200ºC	800W.

Ref	Accessories
1560-1	Stainless steel basin for sand baths: 190 x 220 x 480 mm.
	Aluminium surface or inox surface (consult)
	External probe to control the sample temperature (consult)



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DIGITAL HEATING PLATES PCR SERIES.

Ref. 1533

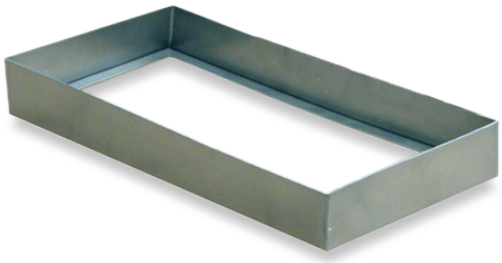
GENERAL CHARACTERISTICS

* Plate constructed in stainless steel AISI 316.
* Stainless steel surface, easy to keep clean and resistant to corrosion.
* Heating elements distributed evenly throughout the whole plate thus providing good uniformity in temperature.
* Metallic cabinet painted in epoxy.
* Excellent thermal isolation that prevents the transmission of heat to the cabinet where the control elements are located.
* Maximum temperature on the surface of the plate up to 200ºC.
* Temperature control with Digital regulation with a "J-type thermocouple" temperature probe with a precision of 0.5% full scale, PID regulation, Auto-tuning (self-adjustable) and a display. Resolution 1ºC.
* The possibility of incorporating a stainless steel basin for sand baths.

Manufactured according to EC directives.

Ref	Useful measures W x D	Ext. measures W x H x D	Max. temp	Power
1533	250 x 500mm.	190 x 220 x 580mm	200ºC	1200W.

Ref	Accessories
1560-2	Stainless steel basin for sand baths: 190 x 280 x 580 mm.
	Aluminium surface or inox surface (consult)
	External probe to control the sample temperature (consult)



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ANALOGICAL HEATING PLATE

Ref. 1540

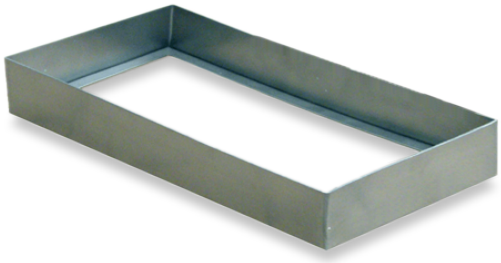
GENERAL CHARACTERISTICS

* Plate constructed in stainless steel AISI 316.
* Stainless steel surface, easy to keep clean and resistant to corrosion.
* Heating elements distributed evenly throughout the whole plate thus providing good uniformity in temperature.
* Metallic cabinet painted in epoxy.
* Maximum temperature on the surface of the plate up to 400ºC.
* Excellent thermal isolation that prevents the transmission of heat to the cabinet where the control elements are located.
* Electronic heater energy control from 0-100%.
* The possibility of incorporating a stainless steel basin for sand baths.

Manufactured according to EC directives.

Ref	Useful measures W x D	Ext. measures W x H x D	Max. temp	Power
1540	200 x 400mm.	190 x 220 x 480mm	400ºC	2000W.

Ref	Accessories
1560-1	Stainless steel basin for sand baths: 190 x 220 x 480 mm.
1735	Digital programmer
1521	Power outlet to connect a contact thermometer or a digital programmer



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ANALOGICAL HEATING PLATE

Ref. 1541

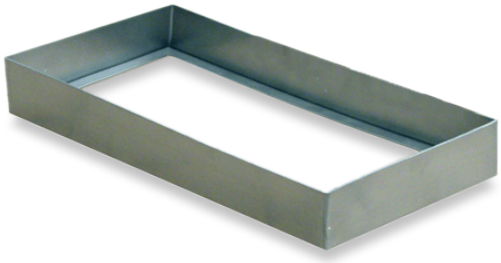
GENERAL CHARACTERISTICS

* Plate constructed in stainless steel AISI 316.
* Stainless steel surface, easy to keep clean and resistant to corrosion.
* Heating elements distributed evenly throughout the whole plate thus providing good uniformity in temperature.
* Metallic cabinet painted in epoxy.
* Maximum temperature on the surface of the plate up to 400ºC.
* Excellent thermal isolation that prevents the transmission of heat to the cabinet where the control elements are located.
* Electronic heater energy control from 0-100%.
* The possibility of incorporating a stainless steel basin for sand baths.

Manufactured according to EC directives.

Ref	Useful measures W x D	Ext. measures W x H x D	Max. temp	Power
1541	250 x 500mm.	190 x 280 x 580mm	400ºC	3000W.

Ref	Accessories
1560-2	Stainless steel basin for sand baths: 190 x 280 x 580 mm.
1735	Digital programmer
1521	Power outlet to connect a contact thermometer or a digital programmer



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CIRCULAR THERMO BLOCK

Ref. 1915

GENERAL CHARACTERISTICS

Dry heating system by metal block, which is characterized by theabsence of liquid as the heat transmission element, thereby preventing the evaporation of the heated liquid, splashes, spills and strange odours.

* Temperature regulation by means of a digital thermostat with auto-adjustable PID control (AUTOTUNIG), in order to obtain very low working temperature inertia.. Resolution 0.1ºC. Temperature display with double digital display of 4 digits. Probe type Pt-100.
* Heating blocks made out of an aluminium alloy (DURAL) for optimum heat transmission throughout the entire block (**block is not included**).
* Exterior metal housing painted in epoxy, with the top part manufactured out of AISI 304 stainless steel.
* Supplied with a rod for extracting the blocks. Possibility of temperature calibration at any time.

Manufactured according to EC directives.

Ref	Power	Working temp.	External Dimensions W x H x D	Weight
1915	275W.	100/200ºC	230 x 115 x 295mm.	4 Kg.

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METAL BLOCK THERMOSTAT 100°C

Ref. 1920

GENERAL CHARACTERISTICS

* Dry heating system for metal blocks.
* Great versatility. The interchangeable blocks for tubes and containers of various sizes allow this device to be used in all kinds of laboratories (analysis, science, research) and allow various techniques to be applied for drying, digestion, evaporation, etc.
* Heating elements distributed throughout the entire contact surface in order achieve greater temperature uniformity.
* Exterior metal housing painted in epoxy, with the top part manufactured out of AISI 304 stainless steel.
* Temperature regulation by means of a digital thermostat with auto-adjustable PID control (AUTOTUNIG), in order to obtain very low working temperature inertia. Resolution 0.1ºC. Temperature display with double digital display of 4 digits.
* Probe type Pt-100.
* Interchangeable heating blocks made out of an aluminium alloy (DURAL) for optimum heat transmission throughout the entire block..
* Capacity: two blocks (**not included**).

Manufactured according to EC directives.

Ref	Temperature	Block Dimensions	Dimensions W x H x D	Weight	Power
1920	35-100ºC	(2x) 130 x 90 x 50 mm.	235 x 125 x 375mm.	10 Kg.	300W.

Ref	Accessories
1920-1	Block 130x90x50 mm. for 34 tubes 10 ml.
1920-2	Block 130x90x50 mm. for 24 tubes 12 ml.
1920-3	Block 130x90x50 mm. for 15 tubes 20 ml.
1920-4	Block 130x90x50 mm. for 34 tubes 1.5 / 2 ml.
	Interchangeable aluminum blocks manufactured according to customer needs. PLEASE ASK
	External probe to control the sample temperature. CONSULT

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METAL BLOCK THERMOSTAT 200ºC

Ref. 1921

GENERAL CHARACTERISTICS

* Dry heating system for metal blocks.
* Great versatility. The interchangeable blocks for tubes and containers of various sizes allow this device to be used in all kinds of laboratories (analysis, science, research) and allow various techniques to be applied for drying, digestion, evaporation, etc.
* Heating elements distributed throughout the entire contact surface in order achieve greater temperature uniformity.
* Exterior metal housing painted in epoxy, with the top part manufactured out of AISI 304 stainless steel.
* Temperature regulation by means of a digital thermostat with auto-adjustable PID control (AUTOTUNIG), in order to obtain very low working temperature inertia. Resolution 0.1ºC. Temperature display with double digital display of 4 digits.
* Probe type Pt-100.
* Interchangeable heating blocks made out of an aluminium alloy (DURAL) for optimum heat transmission throughout the entire block..
* Capacity: two blocks (**not incluided**).

Manufactured according to EC directives.

Ref	Temperature	Block Dimensions	Dimensions W x H x D	Weight	Power
1921	35-200ºC	(2x) 130 x 90 x 50 mm.	235 x 125 x 375mm.	10 Kg.	500W.

Ref	Accessories
1920-1	Block 130x90x50 mm. for 34 tubes 10 ml.
1920-2	Block 130x90x50 mm. for 24 tubes 12 ml.
1920-3	Block 130x90x50 mm. for 15 tubes 20 ml.
1920-4	Block 130x90x50 mm. for 34 tubes 1.5 / 2 ml.
	Interchangeable aluminum blocks manufactured according to customer needs. PLEASE ASK
	External probe to control the sample temperature. CONSULT

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ANALOG HEATING MANTLE

Ref. 1700

GENERAL CHARACTERISTICS

* Electronic power regulator
* Illuminated operating lights.
* ABS case.
* Excellent thermal insulation with fibroceramic.

Manufactured according to EC directives.

Ref	Capacity	Dimensions Ø x H	Useful measures Ø x H	Max. temp	Power (W)
1700	100ml.	Ø230 x 155mm.	Ø75 x 40mm.	380ºC	130

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ANALOG HEATING MANTLE

Ref. 1701

GENERAL CHARACTERISTICS

* Electronic power regulator
* Illuminated operating lights.
* ABS case.
* Excellent thermal insulation with fibroceramic.

Manufactured according to EC directives.

Ref	Capacity	Dimensions Ø x H	Useful measures Ø x H	Max. temp	Power (W)
1701	250ml.	Ø230 x 155mm.	Ø95 x 60mm.	380ºC	210

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ANALOG HEATING MANTLE

Ref. 1702

GENERAL CHARACTERISTICS

* Electronic power regulator
* Illuminated operating lights.
* ABS case.
* Excellent thermal insulation with fibroceramic.

Manufactured according to EC directives.

Ref	Capacity	Dimensions Ø x H	Useful measures Ø x H	Max. temp	Power (W)
1702	500ml.	Ø230 x 155mm.	Ø115 x 70mm.	380ºC	230

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ANALOG HEATING MANTLE

Ref. 1703

GENERAL CHARACTERISTICS

* Electronic power regulator
* Illuminated operating lights.
* ABS case.
* Excellent thermal insulation with fibroceramic.

Manufactured according to EC directives.

Ref	Capacity	Dimensions Ø x H	Useful measures Ø x H	Max. temp	Power (W)
1703	1000ml.	Ø260 x 165mm.	Ø145 x 85mm.	380ºC	530

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DIGITAL HEATING MANTLE

Ref. 1710

GENERAL CHARACTERISTICS

* Temperature: Digital controller with PID control.
* Digital display with real and programmed temperature.
* External probe for temperature control in sample.
* ABS Case.
* Excellent thermal insulation with fibroceramic.

Manufactured according to EC directives.

Ref	Capacity	Dimensions Ø x H	Useful measures Ø x H	Max. temp	Power (W)
1710	100ml.	Ø230 x 155mm.	Ø95 x 60mm.	380ºC	210

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DIGITAL HEATING MANTLE

Ref. 1711

GENERAL CHARACTERISTICS

* Temperature: Digital controller with PID control.
* Digital display with real and programmed temperature.
* External probe for temperature control in sample.
* ABS Case.
* Excellent thermal insulation with fibroceramic.

Manufactured according to EC directives.

Ref	Capacity	Dimensions Ø x H	Useful measures Ø x H	Max. temp	Power (W)
1711	250ml.	Ø230 x 155mm.	Ø95 x 60mm.	380ºC	210

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DIGITAL HEATING MANTLE

Ref. 1712

GENERAL CHARACTERISTICS

* Temperature: Digital controller with PID control.
* Digital display with real and programmed temperature.
* External probe for temperature control in sample.
* ABS Case.
* Excellent thermal insulation with fibroceramic.

Manufactured according to EC directives.

Ref	Capacity	Dimensions Ø x H	Useful measures Ø x H	Max. temp	Power (W)
1712	500ml.	Ø230 x 155mm.	Ø115 x 70mm.	380ºC	230

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DIGITAL HEATING MANTLE

Ref. 1713

GENERAL CHARACTERISTICS

* Temperature: Digital controller with PID control.
* Digital display with real and programmed temperature.
* External probe for temperature control in sample.
* ABS Case.
* Excellent thermal insulation with fibroceramic.

Manufactured according to EC directives.

Ref	Capacity	Dimensions Ø x H	Useful measures Ø x H	Max. temp	Power (W)
1713	1000ml.	Ø260 x 165mm.	Ø145 x 85mm.	380ºC	530

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