Round Hotplates

HOTPLATE TEMPERATURE UP TO 400 °C. WITH 6 PLACE HEATING POWER CONTROLLER.

FEATURES

Cast steel plate with embedded heating elements throughout the plate surface.
Fast heating rate at maximum power setting.
Enamelled outer casing that is resistant to high temperatures and corrosive agents.

CONTROL PANEL

Controller 6 position power settings.

MODELS

Part No.	Plate Ø cm	Height / Width / Depth (exterior) cm			Power W	Weight Kg
1000718	12	8	20	20	800	2.1
1000442	15	8	22	22	1600	3
1000443	19	8	26	26	2100	4.5

Hotplate double circular "Duplac"
FOR PLATE TEMPERATURES UP TO 400 °C.

FEATURES
Hot plate with non warping cast steel plate with embedded heating elements throughout the hot plate surface.
Independent plate temperature control is maintained by pulsed energy controllers.
The exterior is epoxy covered steel.

CONTROL PANEL
Two temperature energy controllers.
Two indicator lamps function when the heaters are on.

MODEL

Part No.	Plate Ø cm	Height / Width / Depth (exterior) cm			Power W	Weight Kg
4000634	19	15	47	24	1750	8.5

Ceramic top hotplates "Ceramic-plac"
ADJUSTABLE HOT PLATE TEMPERATURE UP TO 400 °C. MAXIMUM SUPPORTABLE WEIGHT: 40 KG.

SAFETY
CONFORMS TO THE EN 61010 STANDARD, OVER TEMPERATURE CUT-OUT FITTED.

Excellent resistance to chemicals. Unaffected by thermal shock

Model part no. 3000920

Model part no. 3000919

Model part no. 3000921

FEATURES AND ADVANTAGES
The "CERAMIC-PLAC" has the following features and advantages:
- Flat, smooth surface.
- Excellent resistance to chemical agents.
- High heating power within the heated area that permits extreme temperature within a short heat up time.
- Excellent thermal qualities and penetration of infrared radiation.
- Easy to clean.

FEATURES
- External case of AISI 304 stainless steel.
- Heating elements mounted on ceramic fibre thus making an insulated compact block.
- Temperature energy control from 6 % to 70 % of nominal power. (Model Part No. 3000919 and 3000920).
- Hydraulic thermostat temperature control up to 400 °C (Model Part No. 3000921).

MODELS

Part No.	Heating Zones	Heating area in cm	Height / Width / Depth (exterior) cm			Power W	Weight Kg	Control system
3000919	1	18 Ø	10	28	33	1800	5.5	Energy controller
3000920	2	14 Ø + 14 x 14 ⬜	10	27	47	2200	7.5	With individual energy controllers for each zone
3000921	1	30 x 30 ⬜	10	49	49	3700	11	With hydraulic thermostat

Hotplate-Rectangular "Combiplac"

PLATE TEMPERAURE ADJUSTABLE UP TO 400 °C.

FEATURES

Electronic energy temperature control.
The non warping steel hotplate has heating elements embedded throughout the hotplate surface maintaining the heat distribution.
The main case is made of AISI 304 stainless steel.

CONTROL PANEL

Main power switch with "ON" indicator lamp.
Electronic energy control from 0 to 100 %.
An indicator lamp shows when the unit is hot.
Connector at the back for the external digital thermometer, "Sensoterm" or "Electemp-TFT".
See Regulators and Controllers (pages 293 and 294).

MODELS

Part No.	Width / Depth (plate) cm		Height / Width / Depth (exterior) cm			Power W	Weight Kg
3000156	20	40	12	22	55	2300	9
3000718	30	30	13	33	46	2800	13

ACCESSORIES

Sand bath adapters. Made entirely of AISI 310 stainless steel, removable for easy cleaning.

Part No.	Hotplate Part No.	Height/Width/Depth (Sand tray dims) cm		
6000719	3000156	5.5	20	40
6000720	3000718	5.5	31	31

Hotplate-Circular "Combiplac"

PLATE TEMPERATURE ADJUSTABLE UP TO 400 °C.

FEATURES

Electronic energy controller and embedded heating element throughout the non warping steel hotplate surface.
A retort bar can be located in a hole at the back of the unit.
The main case is made of AISI 304 stainless steel.

CONTROL PANEL

Main power switch with "ON" indicator lamp.
Temperature controlled by a 0 - 100 % energy controller.
A lamp indicates when the hot plate is "ON".
A Thermometer "Sensoterm" or "Electemp-TFT" that can be added and are listed as accessories.
See section Regulators and Controllers (288 and 289).

MODELS

Part No.	Plate Ø cm	Height / Width / Depth (exterior) cm			Power W	Weight Kg
3002301	12	10	16	27	550	2
3002302	19	13	21	30	950	3

ACCESSORIES

Suitable for the 12 cm Ø hotplates only Part No.3002301 :

Bath of AISI 304 stainless steel of 140 mm Ø x 75mm high, with concentric reduction ring lid, Suitable for water, oil or sand. Part No. 7002510

Round bottom flask adapter made of aluminium and suitable for Kjeldahl flasks of 50 to 100 ml and 50 to 100 ml round bottom flasks. Part No. 1002290

Round bottom flask adapter made of aluminium and suitable for Kjeldahl flasks of 300 to 800 ml and round bottom flasks of 250 to 500 ml. Part No. 1002280

Support rod of 12mm Ø and 500 mm high, fits on to the main body of the hotplate. Suitable for the circular Combiplacs 3002301 and 3002302.
Part No.1000725

Electronic contact thermometers with digital readout "Sensoterm". With Pt100 sensor with stainless steel AISI 304 sheath.
Part No. 1001009
Features. See Regulators and Controllers (pages 293 and 294).

Electronic temperature controller "Electemp-TFT"

Part No.	Height / Width / Depth (exterior) cm			Max power (at 230 V) W	Weight Kg
3000897	10.5	13.5	21	3100	1.250

Features. See Regulators and Controllers (see pages 293 and 294).

Rectangular precision hotplate "Plactronic"

**ADJUSTABLE TEMPERATURE FROM AMBIENT +5 UP TO 200 °C STABILITY ±0.5 °C.
WITH ELECTRONIC DIGITAL TEMPERATURE AND TIME CONTROL DISPLAY.
SUITABLE FOR THERMAL TESTS (NOT SUITABLE FOR BOILING TESTS).
SURFACE PLATE COATED WITH P.T.F.E. FOR PROTECTION AGAINST CHEMICALS.**

FEATURES

Digitalelectronic temperature and timer control. and
Digital display (3 digits).
Display resolution: 1°C.
Temperature probe Pt 100.
DUR aluminium alloy hotplate's coated with P.T.F.E.,
with heating elements embedded in the plate surface.
Main case, heater element and protective grill, made of
AISI 304 stainless steel.

> **SAFETY:**
> CONFORMS TO EN61010. OVER TEMPERATURE SAFETY CUTOUT FITTED.

> *Maximum precision*

CONTROL PANEL

1. Digital display of temperature and time.
2. Indicator lamp to show the parameters (temperature or time).
3. Push button to select visualised parameter.
4. Push button to increase parameter value.
5. Push button to decrease parameter value.
6. Push button start and stop.
7. Indicator alarm if the plate is over temperature.

MODELS

Part No.	Width / Depth (plate) cm		Height / Width / Depth (exterior) cm			Power W	Weight Kg
6155100	24	24	13	25	42	700	7.5
6156100	20	40	13	22	57	800	8
6157100	25	60	13	27	77	1000	16.5

Rectangular hotplate "Placfin"

**ADJUSTABLE HOT PLATE TEMPERATURE
FROM AMBIENT +5 °C UP TO 130 °C. STABILITY ±3 °C.
SUITABLE FOR THERMAL TESTS (BUT NOT BOILING).**
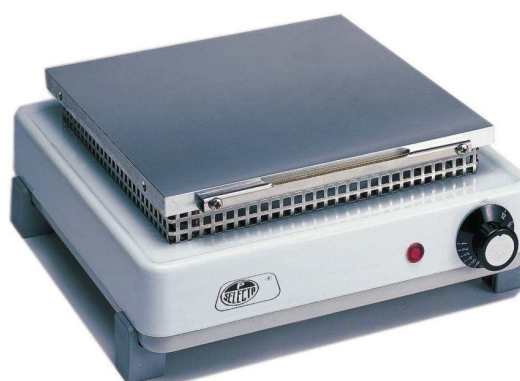
FEATURES

Temperature control by a hydraulic thermostat.
Protected thermometer from 0 °C to 130 °C.
Hotplate surface protected by chemically treated aluminium, with heating elements
distributed throughout the hotplate's surface.
Enamelled external case, resistant against corrosive chemicals.

CONTROL PANEL

Hydraulic thermostat control, synchronised with an indicator lamp when in operation.

MODEL

Part No.	Width / Depth (plate) cm		Height / Width / Depth (exterior) cm			Power W	Weight Kg
7000497	23	22	11	22	30	1500	3.7

ACCESSORY

Slide support adapter made of AISI 304
stainless steel. Capacity: up to 18
slide of 76 x 255 mm (in a
horizontal position).
Part No. **7000498**