

High Precision Hot Plates and and heated work stages



HP-90 with
external controller



HP-220 for
curing photoresists
with 220x155mm heating area

- Application examples:
- * Reflow Soldering
of flat components
 - * Preheating of heavy parts
for soldering
 - * Annealing
 - * Curing of photoresists
and epoxies



HP-155
155x155mm heating area

- Precisely working hot plates for usage in laboratories, small or pre-series production
- All hot plates allow fixturing of the parts by vacuum (some also with mechanical clamping)
- Standard temperature range is at ambient temperature up to 250°C (for higher temperature please request)
- According to standard we use "Eurotherm" automatic controller which offers many programming possibilities. The desired set-point temperature or also ramps can be easily programmed (not all models).

TECHNICAL DATA/HOT PLATES

Model	Heated Area	Temperature Range (*)	Power Supply	Dimension	Height adjustable	Weight	controller	vacuum fixture	option
HP-60-250	ø60 mm	250°C	240V, 125W	ø80 mm	66-78 mm	0,6 kg	HC-240	yes	waffle pack-holder
HP-60-250/120	ø60 mm	250°C	120V, 125W	ø80 mm	66-78 mm	0,6 kg	HC-40	yes	waffle pack-holder
HP-60-250/40	ø60 mm	250°C	40V, 80W	ø80 mm	66-78 mm	0,6 kg	HC-40	yes	waffle pack-holder
HP-90-250	ø90 mm	250°C	240V, 250W	ø110 mm	66-78 mm	0,6 kg	HC-240	yes	waffle pack holder
HP-90-250/120	ø90 mm	250°C	120V, 250W	ø110 mm	66-78 mm	0,6 kg	HC-40	yes	waffle pack-holder
HP-90-250/40	ø90 mm	250°C	40V, 160W	ø110 mm	66-78 mm	0,6 kg	HC-40	yes	waffle pack-holder
HP-100	100x100mm	250°C	240V, 400W	125x125x65mm	66-78	1,8kg	External	yes	
HP-100/40	100x100mm	250°C	40V/160W	125x125x65mm	66-78	1,8kg	External	yes	
HP-155	155x155mm	350°C	240V, 1000W	320x210x55mm	-	3,5 kg	internal	yes	
HP-155/120	155x155mm	350°C	120V, 1000W	320x210x55mm	-	3,5 kg	internal	yes	
HP-220	220x155mm	250°C	240V, 1000W	370x210x120mm	Levelling feet	9 kg	internal	yes	RS-232
HP-220/120	220x155mm	250°C	120V, 1000W	370x210x120mm	Levelling feet	9 kg	internal	yes	RS-232
HPH-300	ø306 mm	250°C	240V, 2000W	330x330x130mm	-	4 kg	HPH-300-C	yes	

(*) up from room temperature

Temperature Controllers

Model	Power Supply	Temperature Range	outlet	dimension	weight
HC-40	240V, 50Hz	up to 350°C	40V, 160W	210x210x60mm	2,9kg
HC-120	120V, 60Hz	up to 350°C	120V, 1000W	145x145x50mm	0,5kg
HC-240	240V, 50Hz	up to 350°C	240V, 2000W	145x145x145mm	0,5kg
HPH-300-C	240V, 50Hz	up to 250°C	240V, 2000W	210x210x120mm	2 kg
HPH-300-C/120V	120V, 60Hz	up to 250°C	120V, 1000W	210x210x120mm	2kg

Special hot plates, options and accessories on request.