

Hotplate Ceran®

Housing made of stainless steel, brushed and polished, in a unique Softline Design, Schott Ceran® cooking surface. Adjustable power control with power-saving or power control in 9 steps (TC = Touch Control). Two-circle HiLight technique, thus extra large heating zone (dia. 210 mm) can be activated. Thermal shutdown and automatic cooking system. Residual heat indicator and warning light. Temperature range (empty): 0 to approx. 460 °C. Power supply 230 V.

Type	Dimensions (W x D x H) mm	Hot-plate mm	Heating capacity W	PK	Cat. No.
CT 2200/E	305 x 410 x 75	Ø 140/210	1000/2200	1	9.645 510
CT 2203/TC	305 x 410 x 75	Ø 140/210	1000/2200	1	9.645 511
CT 3400/E	550 x 310 x 65	Ø 140/210, Ø 145	1000/2200, 1200	1	6.261 651
CT 3010	300 x 600 x 80	Ø 145, Ø 180	1200, 1800	1	7.940 294

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9.645 510

Hotplate induction Ceran®

- casing made of brushed stainless steel in softline design
- Schott Ceran® cooking surface, superior and easy to clean
- with superior induction technology, pot recognition
- safe, user-friendly and extremely energy-saving
- temperature selection in 21 levels in steps of 10 °C from 60 °C (keeping warm) up to 260 °C
- power selection in 9 levels, powerboost (2200 W) for additional performance
- timer up to 99 minutes, automatic switch-off and signal tone
- electronic regulation via touch control sensors
- integrated safety functions, overheating protection
- indicators for residual heat, standby and power-on

Specifications

Heating zone: 80 - 200 mm Ø
 Weight: 3.5 kg
 Power supply: 230 V ~ 2200 W

Type	Dimensions (W x D x H) mm	PK	Cat. No.
Hotplate induction Ceran®	305 x 410 x 75	1	7.672 290

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Hotplates, analogue, CB300 and CB500

Energy regulator control with glass ceramic top plate and 'hot' warning lamp which illuminates when the plate temperature exceeds 50 °C. For 230 V 50/60 Hz single phase supplies. With BioCote, silver-based, antimicrobial protection. Maximum temperature as indicated.

Stuart

Type	Dimensions (W x D x H) mm	Hot-plate mm	Rating W	Max. temp. °C	Weight kg	PK	Cat. No.
CB300	320 x 370 x 120	300 x 300	1200	450	6	1	9.645 338
CB500	520 x 360 x 130	500 x 300	2250	375	12	1	9.645 316

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Hotplate CP 300, analogue

NEW

Stuart

A heated glass ceramic plate mounted in a block of pure PTFE creates a powerful hotplate which is chemically resistant, even to concentrated acids. The separate temperature controller is connected to the hotplate via a 2 metre PTFE coated lead, which allows the hotplate to be located in fume hoods.

- Ideal for acid digestions or trace metal analysis
- PTFE construction with glass ceramic plate for exceptional resistance to chemical attack
- Can be cleaned with concentrated nitric acid
- Controller is fitted with a hot warning light for temperatures above 50 °C

Specifications

Max. temperature: 400 °C
 Heater power: 900 W
 Heated area: 200 x 200 mm
 Dimensions Hotplate (W x D x H): 320 x 360 x 60 mm
 Dimensions Controller (W x D x H): 150 x 160 x 65 mm
 Net weight: 11 kg
 Power supply: 230 V, 50/60 Hz

Type	PK	Cat. No.
CP 300	1	6.230 893

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➔ Boiling chips - please see page 638.

Hotplates SS/CS/SD/CD/SP150

Hotplates with accurate temperature control.

Stuart

- Spill-resistant front control panel with chemically toughened glass for extra resilience
- Hot surface warning light flashes when plate temperature is above 50 °C
- Durable chip-resistant aluminum top plate offers excellent heat transmission, rapid heating, and oven temperature distribution
- Ceramic top plate is chemical resistant and easy to clean, plus the white surface ensures good visibility of colour changes
- With an integral fixing point for a retort rod
- With BioCote, silver-based, antimicrobial protection

SP150 additionally with:

- Full-colour 10-cm TFT screen which simultaneously displays target settings and the actual temperature
- Individual profiles can be created and saved
- User calibration for adjusting the temperature output ($\pm 5\%$ at 50 and 450 °C)
- Incl. Pt100 Temperature sensor

Specifications

Max. load:	15 l
Display resolution:	1 °C
Accuracy:	± 1 °C
Dimensions Hotplate (W x D x H):	150 x 150 mm
Dimensions (W x D x H):	180 x 300 x 93 mm
Net weight:	2.5 kg
Power supply:	230 V, 50/60 Hz
Warranty:	3 years

1



4.672 501

Hotplate SS150/CS150, analogue

With basic interface and an LED array indicating the temperature, offering the same quality as the two higher end models. With connection for contact thermometer SCT-1.

NEW

Stuart

Specifications	SS150 // CS150
Max. temperature:	325 °C // 450 °C
Heater power:	700 W // 500 W
Heated area:	150 x 150 mm // 120 x 120 mm

2



4.672 502

Type	Material stirring surface	Colour	PK	Cat. No.
SS150B	Aluminium, ceramic coated	Blue	1	4.672 499
SS150K	Aluminium, ceramic coated	Black	1	4.672 500
SS150W	Aluminium, ceramic coated	White	1	4.672 501
CS150B	Glass ceramic	Blue	1	4.672 502
CS150K	Glass ceramic	Black	1	4.672 503
CS150W	Glass ceramic	White	1	4.672 504

3



4.672 514

Hotplate SD150/CD150/SP150, digital

With digital interface for a digital temperature setting. With connection for contact thermometer SCT-1.

NEW

Specifications	SD150/SP150 // CD150
Max. temperature:	325 °C // 450 °C
Heater power:	700 W // 500 W
Heated area:	150 x 150 mm // 120 x 120 mm

4



4.672 576

Type	Material stirring surface	Colour	PK	Cat. No.
SD150B	Aluminium, ceramic coated	Blue	1	4.672 511
SD150K	Aluminium, ceramic coated	Black	1	4.672 512
SD150W	Aluminium, ceramic coated	White	1	4.672 513
CD150B	Glass ceramic	Blue	1	4.672 514
CD150K	Glass ceramic	Black	1	4.672 515
CD150W	Glass ceramic	White	1	4.672 516
SP150B	Aluminium, ceramic coated	Blue	1	4.672 575
SP150W	Aluminium, ceramic coated	White	1	4.672 576
SP150K	Aluminium, ceramic coated	Black	1	4.672 577
SP150P	Aluminium, ceramic coated	Pink	1	4.672 578

1 Hotplates, analogue, SB 300 and SB 500

Maximum temperature 300 °C. Energy regulator control with cast aluminium/silicon alloy top plate and 'hot' warning lamp which illuminates when the plate temperature exceeds 50 °C. The 300 mm x 300 mm top plate model has a retort rod mounting at the rear of the housing. With BioCote, silver-based, antimicrobial protection.

Stuart



Type	Dimensions (W x D x H) mm	Hot-plate mm	Rating W	Max. temp. °C	Weight kg	PK	Cat. No.
SB300	320 x 370 x 120	300 x 300	600	300	6	1	9.645 331
SB500	520 x 360 x 130	500 x 300	1500	300	12	1	9.645 317

2 Hotplates digital, SD 300 and SD 500

Maximum temperature 300 °C. Digital setting and control of plate temperature with 1 °C resolution and cast aluminium/silicon alloy top plate. The 300 x 300 mm top plate model has a retort rod mounting at the rear of the housing. With BioCote, silver-based, antimicrobial protection. For 230V 50/60 Hz single phase supplies.

Stuart



Type	Dimensions (W x D x H) mm	Hot-plate mm	Rating W	Max. temp. °C	Weight kg	PK	Cat. No.
SD300	320 x 370 x 105	300 x 300	600	300	6	1	9.645 320
SD500	520 x 360 x 130	300 x 500	1500	300	12	1	9.645 321

Hotplates C-MAG HP 4/C-MAG HP 7/C-MAG HP 10

Made of glass ceramic which offers excellent chemical resistance.
- fixed safety circuit of 550 °C

IKA

- Hot Top indicator: Hot surface warning to prevent burns
- exact temperature setting via digital display (LED)
- digital error code display
- raised control panel for protection against spilt liquids

C-MAG HP 7, C-MAG HP 10 additionally:
adapter according to DIN 12878 for connecting a contact thermometer, e.g. ETS-D5, enables precise temperature control



9.720 496

Specifications

Heating function

Temperature display:	digital
Heat output	
C-MAG HP 4:	250 W
C-MAG HP 7:	1000 W
C-MAG HP 10:	1500 W
Heating rate (1 litre H ₂ O)	
C-MAG HP 4:	2.5 K/min
C-MAG HP 7/HP 10:	5 K/min
Temperature range:	50 to 500 °C
Setting accuracy:	±10 K
Safety circuit fixed:	550 °C
Control accuracy with sensor	
C-MAG HP 4:	-
C-MAG HP 7/HP 10:	ETS-D5/±0.5 K

Heating plate

Material:	glass ceramic
Dimensions	
C-MAG HP 4:	100 x 100 mm
C-MAG HP 7:	180 x 180 mm
C-MAG HP 10:	260 x 260 mm

Tested to DIN EN IEC 61010-1.



9.720 497



9.720 498

Type	Dimensions (W x D x H) mm	Weight kg	Plug type	PK	Cat. No.
C-MAG HP 4	150 x 260 x 105	3	EU	1	9.720 496
C-MAG HP 7	220 x 330 x 105	5	EU	1	9.720 497
C-MAG HP 10	300 x 415 x 105	6	EU	1	9.720 498

Optional accessories: HP 7 and HP 10 additionally: Electronical thermometer ETS-D5

Heating/Hotplates

1


1 High-performance hotplates

With thermostatic temperature control. CERAN® glass ceramic material is highly resistant to breakage and changes in temperature, free from distortion, permeable to infrared light and highly acid-resistant. Bench-top instrument with built-in controller. SR model - with separate controller for wall mounting.

Gestigkeit

Type	Dimensions (W x D x H) mm	Hot-plate mm	Rating		Temp. range max. °C	Supply requirements V	Weight kg	PK	Cat. No.
			W						
4 A	440 x 300 x 100	430 x 140	1500		50 - 500	230	5.0	1	7.603 031
11 A	290 x 410 x 100	280 x 280	2000		50 - 500	230	5.5	1	9.645 711
22 A	290 x 560 x 100	280 x 430	3000		50 - 500	230	6.5	1	9.645 712
33 A	440 x 560 x 100	430 x 430	4400		50 - 500	3x400	9.0	1	9.645 714
44 A	590 x 560 x 100	580 x 430	5700		50 - 500	3x400	11.5	1	9.645 715
4 SR	440 x 180 x 100	430 x 140	1500		50 - 500	230	5.0	1	6.803 027
11 SR	290 x 290 x 100	280 x 280	2000		50 - 500	230	5.5	1	9.645 721
22 SR	290 x 440 x 100	280 x 430	3000		50 - 500	230	6.5	1	9.645 722
33 SR	440 x 440 x 100	430 x 430	4400		50 - 500	3x400	9.0	1	9.645 724
44 SR	590 x 440 x 100	580 x 430	5700		50 - 500	3x400	11.5	1	9.645 725
33 EB	440 x 440 x 100	430 x 430	4400		50 - 500	3x400	9.0	1	9.645 734

2


2 High-performance hotplate CERAN®

High-performance CERAN® glass ceramic hotplate with circular heating area 145 mm diameter and square placement surface made of glass ceramic (175 x 175), stainless steel housing, power controller (adjustable 10 % to 100 %) and integral temperature monitor.

Gestigkeit

Type	Dimensions (W x D x H) mm	Hot-plate mm	Rating		Temp. range max. °C	Supply requirements V	Weight kg	PK	Cat. No.
			W						
CT 10	200 x 290 x 85	∅ 145	1200		500	230	2.6	1	9.645 740

3


3 Precision hotplate, PZ 44

Automatic, precise regulation of temperatures between 20 and 450 °C. Digital presetting and temperature display. Three power levels (825 W, 1650 W and 3300 W) can be set and an additional electronic power controller (adjustable 10 % to 100 %) is provided. At 825 W and 3300 W settings the entire plate surface is heated. At 1650 W setting only the right hand side of the plate is heated. As a result of heat conduction, the temperature from the right hand side to the left edge of the plate varies by approx. 40 %. Built-in relay allows direct connection of electronic contact thermometers. With solid, flat, low-distortion, cast GG15 alloy. Switching differential ±1 K.

Gestigkeit

Type	Dimensions (W x D x H) mm	Hot-plate mm	Rating		Temp. range max. °C	Supply requirements V	Weight kg	PK	Cat. No.
			W						
PZ 44	320 x 470 x 190	290 x 440	3300		20 to 450	230*	23	1	9.645 744

* 400 V, 3-ph. versions are also available on request

1 Precision hotplates, PZ-series

For continuous operation. Provide extremely accurate, uniform temperatures, even in plate corners and on edges. Polished anodised aluminium heating surface. Microprocessor-controlled temperature controller with temperature setting up to 99.9 in 0.1 °C steps, over 99.9 in 1 °C steps. Actual temperature displayed continuously. With separate power controller for performance adjustment to the heating requirements from 10 to 100 %. Built-in relay allows direct connection of electronic contact thermometers. Adjustable temperature monitor from 50 to 300 °C (with PZ 28-1, 30 to 110 °C) to prevent excess temperatures.

Gestigkeit



Type	Dimensions (W x D x H) mm	Hot-plate mm	Rating W	Temp. range max. °C	Supply requirements V	Weight kg	PK	Cat. No.
PZ 28-1	210 x 300 x 135	200 x 280	500	20 to 110	230	7	1	9.645 827
PZ 28-2	210 x 300 x 135	200 x 280	1100	20 to 300	230	7	1	9.645 828
PZ 35	365 x 365 x 155	350 x 350	2200	20 to 300	230	14	1	9.645 824
PZ 60	620 x 200 x 155	610 x 160	2000	20 to 300	230	12	1	9.645 829

2 Hotplates with Performance Control and Thermostatic Controller

For continuous operation. Electric hotplates with thermostatic temperature control and separate power controller for performance adjustment to the heating requirements. Anodised aluminium alloy hotplate. Excellent uniform temperature distribution over entire heating surface. Asbestos free. Stainless steel housing, with painted central section. Height-adjustable feet. Mains cable approximately 1.7 m. With earthed plug for 230 V supplies up to 3300 W. A 400V 3-phase model is also available.

Gestigkeit



Type	Dimensions (W x D x H) mm	Hot-plate mm	Rating W	Temp. range max. °C	Supply requirements V	Weight kg	PK	Cat. No.
HT 02	312 x 312 x 170	300 x 300	1800	50 - 300	230	11	1	9.645 781
HT 12	358 x 358 x 170	350 x 350	2200	50 - 300	230	13	1	9.645 782
TH 11	308 x 458 x 170	290 x 440	1650	30 - 110	230	14	1	9.645 773
TH 13	308 x 458 x 170	290 x 440	2400	100 - 370	230	14	1	9.645 793
HT 22	514 x 364 x 170	350 x 500	2850	50 - 300	230	19	1	9.645 785
HT 31	592 x 442 x 170	430 x 580	2000	30 - 110	230	26	1	9.645 776
HT 32-230	592 x 442 x 170	430 x 580	4000	50 - 300	230	26	1	9.645 786
HT 32-400	592 x 442 x 170	430 x 580	4000	50 - 300	3x400	26	1	9.645 787
HT 33-230	592 x 442 x 170	430 x 580	4000	100 - 370	230	26	1	9.645 796

3 Multiple hotplate systems behrotest®

Multiple hotplate systems, 360 W, with individually adjustable heating controls and indicator lights. Maximum surface temperature 400 °C.

behr



HB4 + HBS4

Type	Description	Dimensions (W x D x H) mm	PK	Cat. No.
HB 4	4 hotplates with metal protective grills, 94 mm diam.	530 x 320 x 150/760*	1	9.645 590
HB 6	6 hotplates with metal protective grills, 94 mm diam.	760 x 320 x 150/760*	1	9.645 591
HB 8	8 hotplates with metal protective grills, 94 mm diam.	900 x 320 x 150/760*	1	9.645 594
HBS 4	Holder for HB 4 incl. 4 support rods		1	9.645 592
HBS 6	Holder for HB 6 incl. 6 support rods		1	9.645 593
HBS 8	Holder for HB 8 incl. 8 support rods		1	9.645 595

*with support rod