

Hot Plates made of CERAN 500®, Gestigkeit

High-duty hot plates made of CERAN® with thermostatic temperature control from +50 to 500°C

CERAN® - an extraordinary glass ceramic which is extremely resistant to breakage and changes of temperature, will not distort, infrared transmitting and also highly acid-resistant. Its popularity as a material for hot plates is increasing continually.

Features:

The low-mass plate is electrically heated over its full surface, and is embedded into a high-grade, stainless steel frame which is mounted on an internally insulated stainless steel housing. The housing is 5 mm bigger all-round than the Ceran plate. Four feet, which can be individually adjusted to an approximate height of 8 mm, ensure wobble-free standing. The overall height when the feet are screwed right in amounts to 98 mm. Types 4 A and 4 SR are equipped with additional sockets for 4 screw-in retort rods with a diameter of 12 mm.

The entire temperature control system is accommodated in a sealed pressure-cast aluminium case with IP 65 protection. The temperature is set on a °C temperature scale from +50 to 500°C and remains constant automatically. Very good control accuracy, e.g. $\pm 4^\circ\text{C}$ at 100°C to $\pm 2^\circ\text{C}$ at up to 300°C and more, are achieved thanks to the low-mass heating system and fast responding temperature sensor. These small differences are hardly notable in the heated material. Heat up times are very short, e.g. just 8 minutes to 500°C .

Series A - Bench-top units with attached control case

Type	Platform size mm	Wght kg	P rating W	Voltage V	Order No.
① 4 A	430×140	5	1500	230	43 06 05004
11 A	280×280	5.5	2000	230	43 06 05011
② 22 A	280×430	7	3000	230	43 06 05022
33 A	430×430	9	4400	3×400	43 06 05033
44 A	430×580	11.5	5700	3×400	43 06 05044

Series SR - Units with a separate control case for wall mounting

Type	Platform size mm	Wght kg	P rating W	Voltage V	Order No.
4 SR	430×140	5	1500	230	43 06 05204
11 SR	280×280	5.5	2000	230	43 06 05211
③ 22 SR	280×430	7	3000	230	43 06 05222
33 SR	430×430	9	4400	3×400	43 06 05233
44 SR	430×580	11.5	5700	3×400	43 06 05244

The standard length of the cable between the control case and the heater is 1.3 m. Each additional 0.5 m incurs an extra charge equal to 1% of the unit's price. Please quote required cable length when ordering.

④ Series EB-C - Flush-mounting units for installing in benches

Type	Platform size mm	Heating area mm	Height approx. mm	P rating W	Voltage V	Order No.
11 EB-C	350×350	260×260	120	2000	230	10 06 05311
22 EB-C	500×350	410×260	120	3000	230	10 06 05322
33 EB-C	500×500	410×410	120	4400	3×400	10 06 05333
44 EB-C	650×500	560×410	120	5700	3×400	10 06 05344

Hot plate as flush-mounting unit for installing in benches. Separate controller case for installing behind the bench frame. The standard length of the cable between the hot plate and the controller case is 0.65 m. For more technical specifications go to www.gestigkeit.de.

