

CERA-Series, CERAN® Hot Plate With Thermostatic Temp. Control 50-500°C



CERAN® an unusual glass ceramic material which is highly resistant to breakage and temperature changes, free from distortion, permeable to ultra-violet light and highly acid-resistant.

Construction: The low mass CERAN® plate is electrically heated over its full surface and is bedded into a stainless steel frame which is mounted on an internally insulated stainless steel housing. The temperature control system consists of an



electronic regulator, activated by a NiCr-Ni temperature sensor (adjustable 50 ... 500°C) installed in a Aluminium pressure cast housing. Warm-up time, e. g. 500°C in 8 minutes.

Four feet, which can be individually adjusted to an approx. height of 8 mm to ensure horizontal stability.

Type 4A has 4 supporting rod holders (distance 100mm) In Types SR and EB, the electrical connection between the control housing and the hot plate is protected by a flexible metal hose.

Options: Digital control and programmer



CERA-Series - with built-in control housing, CERA-SR-Series - with separate control housing

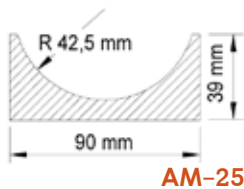
Types	WxHxD(mm)	CERAN® mm	Watt	Volt	Weight
CERA-4314 / CERA-4314SR	440x100x300	430x140	1500	230 V, 50-60 Hz	5.0kg
CERA-2828 / CERA-2828SR	290x100x410	280x280	2000	230 V, 50-60 Hz	5.5kg
CERA-4328 / CERA-4328SR	290x100x560	280x430	3000	230 V, 50-60 Hz	6.5kg
CERA-4343 / CERA-4343SR	440x100x560	430x430	4400	3x400 V, N+PE, 50-60 Hz	9.0kg
CERA-5843 / CERA-5843SR	590x100x560	580x430	5700	3x400 V, N+PE, 50-60 Hz	11.5kg

The conducting wire between control housing and hot plate measures 1.3 m.

Accessories for CERA-4314SR

ST-12 - support rod 12mmØ, 650mm.

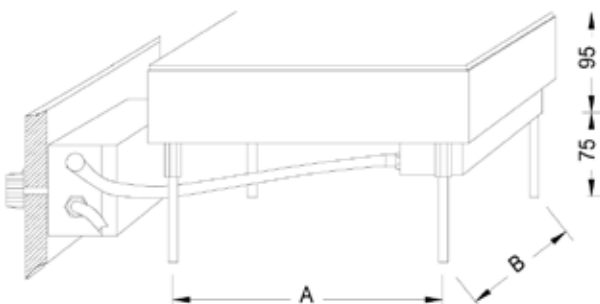
AM-25 - interchangeable top mulde for round bottom flask 250ml.



CERA-EB-Series - as built-in units for bench installation

Types	WxHxD(mm)	CERAN® mm	AxB mm	Watt	Volt	Weight
CERA-2828EB	290x100x290	280x280	240x240	2000	230 V, 50-60 Hz	5.5kg
CERA-4328EB	290x100x440	280x430	240x390	3000	230 V, 50-60 Hz	6.5kg
CERA-4343EB	440x100x440	430x430	390x390	4400	3x400 V, N+PE, 50-60 Hz	9.0kg
CERA-5843EB	590x100x440	580x430	540x390	5700	3x400 V, N+PE, 50-60 Hz	11.5kg

The conducting wire between control housing and hot plate measures 0.65 m.



Further Fabrications

High temperature TITANIUM hot plate up to 600°C - Precision hot plates - Stand hot plates with supporting rod - rapid incinerator - Multi-purpose, extremely deep, heating bath - sand bath - Series heating units - Multipurpose heating equipment - Water- and Oil baths - Development - Special orders. The right to make modification serving further technical development, is reserved.

type = Order-No. other voltage on request.