

BAKTEC®

quality without compromise



B1 CERES II

For the quality of your dough it is essential to work with a water dosing and mixing system which is accurate and reliable.

The electronic, thermostatic models are provided with a special industrial thermostat in order to supply very accurate temperatures, even below **3°C**. The temperature remains constant, even when repeating the batches. The water metering is very precise and has a deviation less than **1%**. These models are very reliable, compact and easy to operate and to maintain. The water temperature is, during dosing, indicated in decimal. The electronic appliances have totally renewed hard- and software, equipped with the latest innovative techniques and parts. The automatic standby saves up to 80% energy.

The service module operated from the control panel, enables you to eliminate tolerances of temperature and quantity. This way the **B1 CERES II** can be adapted to the specific conditions in your bakery. By pressing a button, you can add water to your dough, after your initial dose. The Model **B1 CERES II** is a compact unit, executed in stainless steel, the advantage of which is a longer life span and more hygiene in daily use. The **B1 CERES II** is easy to operate; specially designed with big digits for showing temperature (in red) and water quantity (in blue).

Baktec has a range electronic models available with a larger capacity the **B1 CERES II Heavy Duty** and water dosing appliances the; **B1 CERES II "S"**, **B1 CERES II Heavy Duty "S"** and the **B1 CERES II Heavy Duty 80 "S"**.

The following options can be added to the **B1 CERES II** models:

- dough temperature sensor
- 24 VDC relay for connection to, e.g. water pump or kneader
- interface connection RS 232 or RS 485
- external start-stop via 24 VDC
- micro dosing.

Baktec also supplies, besides water mixing- and dosing appliances, a range of ice water chillers that seamlessly connect to these models.

TECHNICAL SPECIFICATIONS	B1 CERES II	B1 CERES II HD	B1 CERES II "S"	B1 CERES II HD "S"	B1 CERES II HD 80 "S"
CAPACITY	0.1-999.9 LITER	0.1-999.9 LITER	0.1-999.9 LITER	0.1-999.9 LITER	0.1-999.9 LITER
ADJUSTABLE	0.1 LITER	0.1 LITER	0.1 LITER	0.1 LITER	0.1 LITER
TEMPERATURE	1-80°C	1-80°C	NO TEMPERATURE CONTROL	NO TEMPERATURE CONTROL	NO TEMPERATURE CONTROL
DOSING PRECISION	± 1 %	± 1 %	± 1 %	± 1 %	± 1 %
TEMPERATURE PRECISION	± 1 °C	± 1 °C	INDICATION ± 1°C ONLY	INDICATION ± 1°C ONLY	INDICATION ± 1°C ONLY
WATERFLOW (DEPENDING ON WATER PRESSURE)	20 L/MIN	35 L/MIN	25 L/MIN	50 L/MIN	80 L/MIN
WATER PRESSURE	1-5 KG/CM ²	1-5 KG/CM ²	1-5 KG/CM ²	1-5 KG/CM ²	1-5 KG/CM ²
MAXIMUM TEST PRESSURE	16 KG/CM ²	16 KG/CM ²	16 KG/CM ²	16 KG/CM ²	16 KG/CM ²
WATER INLETS	2 X R1/2"	2 X R3/4"	1 X R1/2"	1 X R3/4"	1 X R1"
ELECTRICAL REQUIREMENTS	220-240 VAC (±10%) 50 HZ/ 60 HZ (±2 HZ) 25 VA/30 W	220-240 VAC (±10%) 50 HZ/ 60 HZ (±2 HZ) 25 VA/30 W	220-240 VAC (±10%) 50 HZ (±2 HZ) 25 VA/30 W	220-240 VAC (±10%) 50 HZ (±2 HZ) 25 VA/30 W	220-240 VAC (±10%) 50 HZ (±2 HZ) 25 VA/30 W
NETT WEIGHT	8,6 KG	11,4 KG	7 KG	8 KG	9 KG
DIMENSIONS (H X W X D)	29,5 X 27,0 X 11,5 CM	31,6 X 30,0 X 12,5 CM	29,5 X 27,0 X 11,5 CM	31,6 X 30,0 X 12,5 CM	31,6 X 30,0 X 12,5 CM