# CC-215B

Heating Bath consisting of insulated stainless steel bath with stainless steel housing. Powerful pressure and suction pump made of high-resistant plastic. Temperature range up to max. 200°C. Bath bridge with hole for cooling probe (e.g. for immersion cooler TC45-TC100E). With adjustable overtemperature protection according to DIN 12876.

Pilot ONE:
The Pilot ONE controller with pioneering technology and advanced control functions brings numerous advantages to routine work. The extensive features list includes a brilliant 5,7“ TFT touchscreen display, USB and network connections, an integrated technical glossary and language support in 13 languages (EN, DE, FR, IT, ES, RU, ZH, PT, JA, CS, PL, KO, TR). The Pilot ONE has a convenient navigation system with easily remembered icons and menu categories which are colour sorted to make routine work simpler. Thanks to a favourites menu and One-Click operator guidance all important information is always just a few keystrokes away. Software wizards also help you to set up, ensuring correct settings. The USB port allows connection of the system to a PC or notebook. Together with the Spy software, requirements such as remote control or data transmission are easily achieved in a cost-effective manner. Network integration is easy with the internet port.

The range of functions can be expanded very easily via E-grade at any time by entering a unit specific upgrade code:

E-grade "Exclusive": TAC (True Adaptive Control) - self optimising internal and cascade control, selectable temperature control mode (Internal/Process), programmer with 3 programs (max. 15 steps), ramp function (linear), 5 point calibration, scalable graphic display, favourites menu, display resolution 0,01 K.

E-grade "Professional": Programmer with 10 programs (max. 100 steps), ramp function for temperature gradients (linear and non-linear), 2nd set point, user menus (Administrator level), calendar start.

4-year warranty - registration required.

**Technical data according to DIN 12876**

| | |
|---|---|
| Operating temperature range | 25...200 °C |
| with water cooling | 20...200 °C |
| with refrigerator | -30...200 °C |
| Temperature stability at 70°C | 0,02 K |
| temperature set point / display | 5,7" colour Touchscreen |
| Absolute accuracy | setup for calibration |
| Internal temperature sensor | Pt100 |
| Sensor external connection | Pt100 |
| Interface digital | Ethernet, USB (Host u. Device), RS232 |
| Safety classification | III / FL |
| Heating power at 115V | 1,5 kW |
| Heating power at 100V | 1 kW |
| Pressure pump | |
| max. delivery | 27 l/min |
| max. delivery pressure | 0,7 bar |
| Suction pump | yes |
| max. delivery (suction) | 22 l/min |
| max. delivery pressure (suction) | 0,4 bar |
| Pump connenction (optional) | M16x1 male |
| Bath volume | 15 l |
| min. filling capacity | 11,3 l |
| Width bath opening WxD/ bath depth | 290x152/ 200 mm |
| Overall dimensions WxDxH ** | 350x375x425 mm |
| Net weight | 12 kg |
| Power supply requirement | 100-115V 1~ 50/60Hz |
| Power input | 1,6 kW |
| max. current | 15 A |
| Fuse | 15 A |
| Pressure equipment category | Art. 4.3 PED |
| Degree of Protection | IP20 |
| min. ambient temperature | 5 °C |
| max. ambient temperature | 40 °C |



**Order-No.: 2058.0002.01**

**from Serial-No.: S473064** **1.0/22**

Technical details and dimensions are subject to change. No liability is accepted for errors or omissions. Illustrations can deviate from the original.

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**Technical data according to DIN 12876**

Accessories and periphery: , Drain valve with cap #6839, adjustable base #40763, cooling coil #30564,
pump adaptor #19607, Note: When using Huber pump adapter: Polyglycol is not permissible to be used as a heat transfer fluid,test tube racks Typ 1-4, holder for dip cooler TC45(E)-TC100(E) #14562, nozzle #33288, cover for bath bridges #40836*,
Bath covers in various versions: see catalogue, PS level regulator #9580
* standard equipment

Output data valid for: Room temperature 20°C

In accordance with EN60034-1 the following voltage and frequency tolerances are valid:
Voltage + / - 10%, as long as the frequency tolerance does not run in the opposite direction.
Example: -10% voltage and +3% frequency -> not allowed !
-10% voltage and -3% frequency -> allowed.

Information to Electromagnetic compatibility:
Classification (disturbance) to EN55011: Class A, Group 1

Standard delivery conditions - Power cable configuration:
1. Single / two-phase devices (100V to 240V) --> with power cable and country-specific plug (please specify when ordering)
2. Three-phase devices with current consumption less than 63A --> with cable, without plug
3. Three-phase devices with current consumption greater than 63A --> without cable, without plug

** Please respect space requirements. See operating conditions at www.huber-online.com