

Description	Highly precise Calibration Baths CBO300
Group	Highly precise Calibration Baths 300
Keyword	Highly precise Calibration Baths ± 0.01



Detail

CPT Order No : 910042

Model : **CBO300**

Filling volume : 18 liters

Working temp. range : Amb ~+300.00

- Temperature setting to 0.01
- Temp. stability / Temp. uniformity :200 , ± 0.005 / ± 0.01
- Temp. controller : PID temperature control

Heat cap. : 2000W

Cooling capacity (Bath fluid: Oil) 300

Order Made : External PT100 sensor

RS232 interface

Bath opening/Filling bath depth volume(WxDxH)(cm):15.5x15x30

Dimensions(WxDxH)(cm) : 29x40x56

Weight : 17.6 kg



CPT INC. <http://www.cpt.or.kr>

TEL: 82 - 31 - 457 - 1735 FAX: 82 - 31 - 454 - 8693

E - mail : cpt1287@nate.com

Highly precise Calibration Baths

CBO300

Working temperature Amb~+300

These units are designed specifically for applications in calibration laboratories and they conform to the requirements specified by DIN ISO 9001:2000.

Calibration baths include a temperature chamber with overflow at maximum liquid level.

The circulating pump transports the bath fluid through the overflowing temperature chamber to the circulator bath. The following values are achieved while a constant liquid level is maintained:

- Highest temperature stability to: ± 0.005
- Temperature uniformity better than: ± 0.01
- High precision reference thermometer makes it possible to have the reference temperature displayed constantly, and additional calibration certificates according to ISO and KOLAS can be issued.
- Alarm function for both temperature and time

Application Area

- Calibration Baths
- CBO Model connections Application (Page: 6)
- External PT100 sensor (CPT Order No:710007 and 13)
- RS232 interface
- Cooling coil (8 Ø)
- Temp. controller : PID temperature control
- Cooling capacity test (Bath fluid : Ethanol)
- Temperature setting to 0.01
- Temp. stability / Temp. uniformity : ± 0.005 / ± 0.01

CPT Order No	CPT Model	Working Temp Range	Temp Stab	Heat Cap W	Order Made External PT100 sensor RS232 interface	Bath opening bath depth WxDxH cm	Fill. vol. liters	Dimensions W*D*H cm	Weight kg
910042	CBO300	Amb~300.00	± 0.01	~\$500		15.5*15*30	18	29*40*56	17.6

Dimensions: External features of size (mm)

