

Description	Highly precise Calibration Baths <b>CBO470</b>
Group	Highly precise Calibration Baths 300
Keyword	Highly precise Calibration Baths $\pm 0.01$

Detail



**CPT Order No : 910043**

**Model : CBO470**

Filling volume : 28 liters

Working temp. range : Amb ~+300.00

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

Heat cap. : 3000W

Cooling capacity (Bath fluid: Oil) 300

Order Made : External PT100 sensor  
RS232 interface

Bath opening/Filling bath depth volume(WxDxH)(cm):15.5x15x47

Dimensions(WxDxH)(cm) : 29x40x72.5

Weight : 21.6 kg



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## Highly precise Calibration Baths

CBO470

### 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:  $\pm 0.005$
- Temperature uniformity better than:  $\pm 0.01$
- 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 setting function for 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 :  $\pm 0.005$  /  $\pm 0.01$

CPT Order No	CPT Model	Working Temp Range	Temp Stab	Heat Cap W	Order Made External PT100 sensor RS232 interface	Bath opening bath depth	Fill. vol. liters	Dimensions W*D*H cm	Weight kg
						WxDxH cm			
910043	CBO470	Amb~300.00	$\pm 0.01$	3000		15.5*15*47	28	29x40x72.5	21.6

Dimensions: External features of size (mm)

