



For precise reactions

equitron®

ROUND OIL BATH

CLEAR BOTTOM SERIES - Digital Control with Timer

Applications:

- ❖ **EQUITRON** Round Baths are ideal for all applications requiring, reliable and safe reactions, extraction's, analysis and tests.

EQUITRON advantages:

- ❖ A clear bottom. A uniquely designed Bath. Ensures no heater burn out due to lack of water.
- ❖ A state of the art PID Controller with timer ensures a fully automatic control over the process, freeing manpower for other more productive work.
- ❖ A floating overshoot alarm.
- ❖ An absolute over-temperature alarm with auto cut off.
- ❖ Results reproducible because full cycle is automatic, requiring no human intervention.



Construction:

- ❖ Double walled, internal and external chamber full stainless steel construction.
- ❖ External Body oven baked epoxy finished.
- ❖ Insulated handles on sides for easy handling.

Standard Features:

- ❖ Digital electronic PID controller with following parameters programmable by user:
 - Temperature range: ambient up to 300°C (oil)
 - Time: up to 99 hours and 59 minutes.
- ❖ Control accuracy: $\pm 2^\circ\text{C}$ or better.
- ❖ Pt100 Sensor for precise monitoring.
- ❖ A floating overshoot alarm set 10°C above set point.
- ❖ Absolute over temperature alarm - audio - with auto cut off.
- ❖ End cycle visual indication with heater cut off.
- ❖ Industrial grade long life special heaters for efficient transfer of heat.

Model	Round Flask Capacity	Inner Dimensions \varnothing x Ht (mm)	Temperature Range Oil - PO	Heater	Packing Dimensions (WxDxH) / Gr. Weight
#8481CBPO	01 L	\varnothing 165 x 90	Ambient $+10^\circ\text{C}$ to 300°C	500 W	440 x 400 x 330 mm / 6.8 kg
#8483CBPO	03 L	\varnothing 230 x 130		1000 W	440 x 400 x 330 mm / 8.8 kg
#8485CBPO	05 L	\varnothing 260 x 150		1300 W	550 x 460 x 370 mm / 11 kg
#8490CBPO	10 L	\varnothing 350 x 200		2000 W	610 x 500 x 410 mm / 17 kg
#8492CBPO	20 L	\varnothing 450 x 300		3000 W	770 x 640 x 490 mm / 25 kg
OPTIONAL ACCESSORIES FOR ABOVE					
#S3103-00	Stand SS wire - 4 pronged EP - for Round Bottom Flask (Highly Recommended to offer with immersion / CB series Round Bath - Except #8481ISDWO)				

All electrical appliances work on 230V AC, 50Hz, single phase. Other Voltages available on request.
Due to continuous improvement in design, the product supplied may have modified features.



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