

## TCON 1000 Dry Bath

The TCON 1000 is a high precision dry bath system, that provides precise control to maintain test tubes at a preset temperature. It is far more convenient than water bath systems, requires less space and needs little maintenance.



- ◆ Aluminum baths allow for precise temperature control and very high stability.
- ◆ Keypad/LCD display interface for stand alone use in the lab.
- ◆ RS-232 serial port automatically outputs temperature data to a PC and also provides external control if desired.
- ◆ Interfaces with Duratech's ASP-960 Autosampler, and DTIR Infrared Spectrum Analyzer to provide an automated solution for your needs.
- ◆ Manuals, software, firmware updates and brochures are available at [www.duratech.biz](http://www.duratech.biz).
- ◆ The TCON design is readily adaptable to many form factors.
- ◆ Please inquire about custom applications.

- ◆ Easy to Use
- ◆ Precise Temperature Control
- ◆ Ambient to 110°C
- ◆ Two Temperature Zones
- ◆ Little Maintenance

CE Certified

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## Technical Specifications

### Physical:

Dimensions: 15¾" long x 5¼" wide x 8¼" high  
 Weight: 21 pounds unpacked  
 Control: 4 operator buttons; RS-232  
 Display: 20 character x 4 line backlit LCD

### Power Requirements:

115VAC 60 Hz, single phase 3 amps  
 230VAC 50 Hz, single phase 1.5 amps

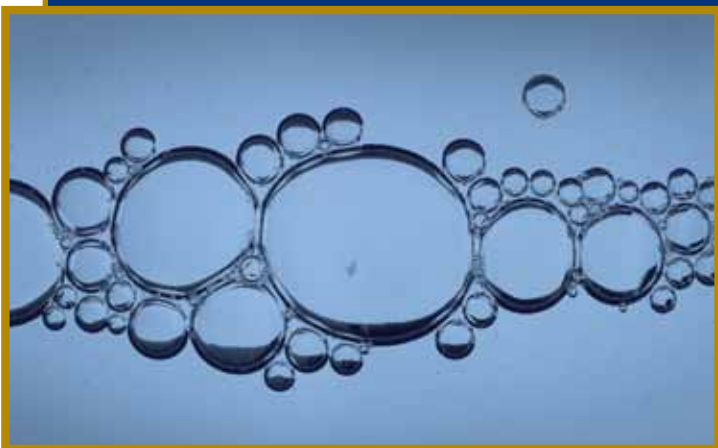
Number of Tubes

Tube Size	2 Zone	1 Zone
10 mm	50	55
18 mm	32	36
26 mm	30	33
34 mm	10	11
40 mm	8	8

Specification	Guaranteed	Typical
Range	Ambient to 100°C	Ambient + 5 to 105°C
Display Resolution	0.01° C	_____
Setpoint Resolution	0.01° C	_____
Accuracy	Better than ± 0.3° C	Better than ± 0.2° C
Repeatability	Better than ± 0.1° C	Better than ± 0.1° C
Stability	Better than ± 0.02° C	Better than ± 0.02° C
Uniformity	± 0.1° C	Better than ± 0.05° C

### Zones and Tube Sizes

Number of Zones	Heaters Per Zone	Temperature Sensors Per Zone
2	4	2
1	8	4



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