

Digital Dry Baths

Digital performance at analog prices



- Microprocessor control
- Digital display
- Easy user calibration
- Single and dual block models
- RS232 port
- Economically priced

PRODUCT INFORMATION

A broad temperature range, to 150°C, makes Labnet's Digital Dry Baths useful for a variety of applications in molecular biology, histology, clinical, environmental and industrial laboratories. Although the price of these baths is comparable to analog models, they feature microprocessor control and digital setting/display of temperature. Digital performance at analog prices

- **Microprocessor control**

A microprocessor regulates the high wattage heaters in the baths to provide precise, accurate control. The exact desired temperature is easily set using the arrow keys on the sloped control panel while values are shown on the large digital display. No checking of a thermometer and readjusting temperature is necessary. The user calibration feature allows for easy calibration to in house standards when required. An RS232 port is provided for monitoring and recording temperature.

- **Stainless steel block chamber**

The block chamber of the Digital Dry Baths is constructed of stainless steel, which acts as a heat sink and provides a uniform transfer of heat from the heating elements to the interchangeable blocks. The resulting block uniformity is excellent, ensuring that all samples receive the same temperature treatment, regardless of their position in the block.

- **Interchangeable blocks**

A variety of block formats are available to accommodate tubes from 0.2ml to 50ml, as well as microplates and slides. All blocks are made of high grade, nonporous aluminum. Precision machined for a close fit with sample containers, they are anodized to prevent corrosion. Customized blocks are also available. All blocks (except those for plates and slides) include positions for a block lifter and calibration thermometer.

- **Single and dual block models**

Two Digital Dry Bath models are available. The single block unit will accept all of the standard blocks. For increased capacity, the dual block unit accepts two standard blocks or one specially designed dual block. Each Dry Bath is supplied with a block lifter. Blocks sold separately.



Digital Dry Bath with Single Block



Digital Dry Blocks

ORDERING INFORMATION & TECHNICAL SPECIFICATIONS

Technical Specifications	
Temperature range	Ambient +5° to 150°C
Temp. resolution	0.1°C
Temp. uniformity	±0.2°C
Temp. accuracy	±0.3°C
Block chamber	Stainless steel
Block capacity	
Single block unit	One standard block
Dual block unit	Two standard blocks or one dual block
Dimensions (WxDxH)	7.9 x 10.4 x 3.3 in./20 x 26.5 x 8.3 cm
Weight	5.5 lb/2.2 kg
Electrical	120V~, 50/60 Hz (also available in 230V)
Dry Bath Blocks	
Construction	High grade, nonporous aluminum with anodized surface
Thermometer well	Yes (not in plate or slide blocks), required only for calibration purposes

Ordering Information	
Catalog #	Description
D1100*	Digital Dry Bath, single block capacity
D1200*	Digital Dry Bath, dual block capacity
D1101	Solid block for machining (no holes)
D1102	Block, 48 x 0.2 ml PCR tubes or 6 x 0.2 ml
D1102A	Block, 24 x 2.0 ml tubes
D1105	Block, 24 x 0.5 ml tubes
D1105A	Block, 24 x 1.5 ml tubes Dual block unit
D1106	Block, 35 x 6 mm tubes
D1110	Block, 20 x 10 mm tubes
D1112	Block, 20 x 12 mm tubes
D1113	Block, 20 x 13 mm tubes
D1115-TALL	Block, 12 x 15 ml centrifuge tubes
D1116	Block, 12 x 15 or 16 mm tubes
D1125	Block, 6 x 25 mm tubes
D1150-TALL	Block, 5 x 50 ml centrifuge tubes
D1196-PCR	Single Block, 96 well PCR plate, skirted or nonskirted (for single block unit only)
D1296	Dual Block, 96 well micro plate or 4 slides (for dual block unit only)
D1296-PCR	Dual Block, 96 well PCR plate, skirted or nonskirted (for dual block unit only)
D1100-SC	RS232 cable and temp. monitoring software
*To order product in 230V, add -230V to end of catalog number	