

Elite Dry Bath Incubator

EL series

The Elite Dry Bath Incubator comes in single or dual block modes along with a comprehensive set of interchangeable blocks. It is designed for a variety of applications, including restriction digest, denaturing DNA, BUN, melting agar, coagulation studies, hybridization and hot start thermo-cycled reaction. Elite Dry Bath is recognized as the finest, fastest heating and smallest foot print dry bath incubator. In addition, the aluminum blocks can be removed for the use of a mini water bath or a bead bath. The temperature setpoint can be set in increments of 0.1°C from 5°C above ambient to 150°C. Optional PC control software allows the dry bath incubator to perform real time data recording through a PC.

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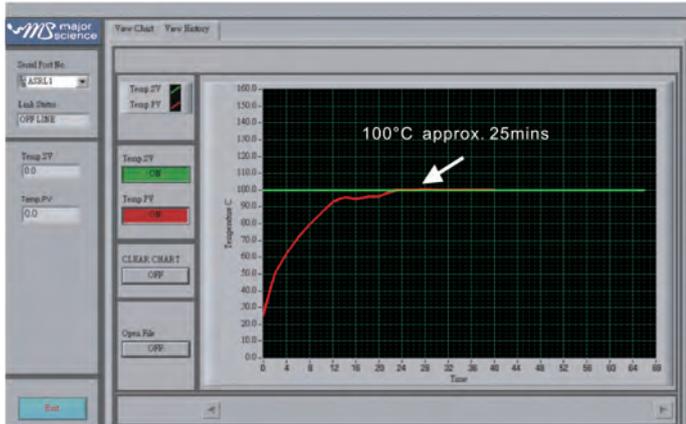


EL-01



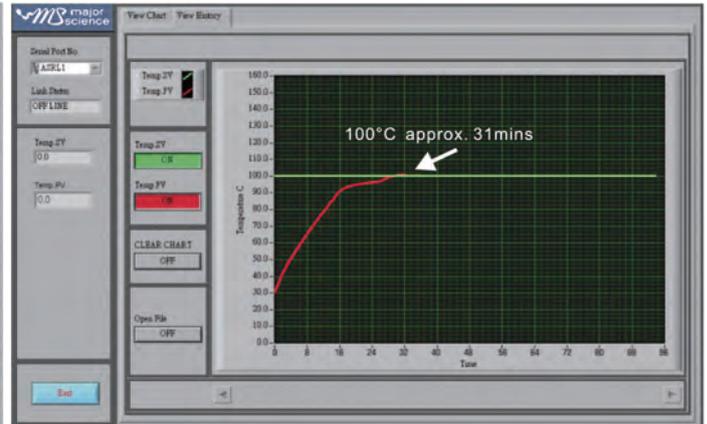
EL-02

EL-01



- Temp. set value: 100°C
- Initial temp. value: 25°C
- Block model: MD-B1.5
- Process time: Approx. 25mins

EL-02



- Temp. set value: 100°C
- Initial temp. value: 30°C
- Block model: MD-B1.5
- Process time: Approx. 31mins

Features

- Digital microprocessor controller confers performance and precise control
- Broad temperature control range & guaranteed uniformity
- Excellent heating rate
- Large LCD screen for instant observation
- User temperature calibration
- Can be used as a water bath or bead bath
- Molded aluminum alloy chamber
- Optional PC control software available



Can be used as a bead bath

Specification



with beads



with water



with block

| Cat. No. | EL-01 (Single Block) | EL-02 (Dual Block) |
|---------------------------|------------------------------------------------------|--------------------------------------|
| Display | LCD | |
| Power | 125W | 200W |
| Dimension (WxLxH) | Approx. 6"x5.9"x5.3" (152x150x135mm) | Approx. 6"x9.1"x5.3" (152x230x135mm) |
| Controller | Digital microprocess controller | |
| Heating Chamber | Molded Waterproof aluminum alloy coated with PTFE | |
| Temperature Control Range | 5°C above ambient to 150°C** | |
| Temperature Increment | 0.1°C | |
| Temperature Uniformity | ± 0.2°C at 37°C | |
| Temperature Accuracy | ± 0.2°C at 37°C | |
| Temperature Calibration | Yes | |
| Timer | 99 (hr): 59 (min) / Continuous | |
| Safety | Leak proof heating chamber | |
| | Over temperature protection | |
| | SSR failure detection | |
| Operating Temperature | Ambient to 40°C | |
| Special Feature | Used as water bath or bead bath incubator | |
| Block Material | Aluminum alloy | |
| Block Type | Standard and customized type are available | |
| PC Connection | RS232 | |
| Rated Voltage | 110V / 220V- | |
| Weight | Approx. 4.6lb (2.1kg) | Approx. 6.1lb (2.8kg) |
| Blocks | | |
| Block Material | Aluminum alloy | |
| Dimension (WxLxH) | Approx. 3.1"x4.1"x2" (79x104x50mm) for standard type | |
| Block Lifter Well | Yes | |
| Thermometer Well | Yes (except microplate blocks) | |

Ordering Information

| Cat. No. | Product Description |
|---------------|-------------------------------------------------------------|
| EL-01-110/220 | Elite Dry Bath Incubator (One block unit); without block |
| EL-02-110/220 | Elite Dry Bath Incubator (Dual block unit); without block |

Accessories

| Cat. No. | Product Description |
|-------------|-----------------------------------------------------------------------------------------------------------|
| MD-RS232 | RS 232 cable |
| MD-PCSW | Function control software package |
| MD-PCSW-R | Function control software package; including a RS232 cable |
| MD-MP01-S | For microplate; titerplate (Plain Block for Single Block unit only) |
| MD-MP01-D | For microplate; titerplate (Dual Block unit only) |
| MD-MP02-S | For 96 wells deep microplate or PCR plate (for Single Block unit only) |
| MD-MP02-D | For 96 wells deep microplate or PCR plate (for Dual Block unit only) |
| MD-B0.2 | For 0.2ml tube, 64 wells (or 0.2ml PCR strip tube for 8 wells x 8) |
| MD-B0.5 | For 0.5ml tube, 20 wells |
| MD-B1.5 | For 1.5ml tube, 20 wells |
| MD-B0.5+1.5 | Combination: for 0.5ml tube, 12 wells; and for 1.5ml tube, 12 wells (on the same side) |
| MD-B0.5/1.5 | One side for 1.5 or 2.0ml tube, 20 wells and another side for 0.5ml tube, 30 wells (on the opposite side) |
| MD-B13 | Well size 13mm, 20 wells |
| MD-B17 | For 15ml centrifuge tube, 12 wells |
| MD-B20 | Well size 20mm, 12 wells |
| MD-B25 | Well size 25mm, 6 wells |
| MD-B29 | For 50ml centrifuge tube, 4 wells |

* For a complete list of accessories, please refer to [Page 71-74](#)

**For prevent temperature difference effect and keep temperature stable, PQ is required in high temperature control mode(>=140 °C) or contact the local dealer before ordering.

***For the thermoblock requirement of dual block unit, please discuss with local dealer before order.