

DLG Electronics Preliminary Spec Sheet

Temperature Compensating Development Timer

Functions and Controls

- Compensation – select “on” (timer runs at a rate dictated by the temperature compensation curves) or “off” (timer runs in real time)
- Start-Stop-Reset button – illuminated push-switch to start the timer, stop the timer and reset to zero. Unit displays temperature when in the reset-to-zero state
- Start-Stop-Reset footswitch – pushbutton control allowing handsfree operation. May be used for foot operation, or mounted under the benchtop for knee operation.
- Display Brightness – select “auto” for automatic display brightness adjustment to suit ambient lighting, “dim” for ultra-dim mode designed to be readable by dark-adjusted eyes in total darkness for use with sensitive panchromatic materials or “off” to completely blank display. In “off” mode an audible metronome “beep” is sounded at one minute intervals.

Dimensions

- main unit 7" x 3½" wide x 1½" deep approx
- temperature sensor 6" long x ¼" diameter (shorter sensor options available)
- Cable sensor to main unit 3' / 1m approx

Display

- 4 digit LED display, red, adjustable brightness, 0.56" character height
- In time mode – zero to 60 minutes, one second resolution (MM:SS format)
- In temperature mode – 0°C to 50°C in 1°C increments

Accuracy

- End-To-End accuracy better than 1°C, including sensor tolerance, A/D conversion, internal computations and temperature compensation curve implementation
- Precision Stainless Steel Temperature Sensor
- 10-bit A-D conversion

Power

- Battery and mains
- 2x AA batteries – typical operating time on batteries 100 hours
- AC mains via transformer plug provided – 110V AC to 240 V AC – various national adaptors included

Availability

- End March 2018

Price

- £180