

TEMP (Thermal Evaluation of Mass Pours)

June 2015

Main Unit

Physical

Size: 135 X 104 X 52 mm

Weight: 0.45 Kg

Sunlight readable VGA color display for any lighting conditions, resolution 640 x 480 pixels

Screen size: 9.4 cm

Temperature Range: Operating: 0 to 40° C; Storage 20 to 65° C

Powered by Internal Battery (8 hours duration)

Contains 3 installed Li-Ion batteries, or 1.92 grams Equivalent Lithium Content (ELC)

Electronic

Microprocessor: PXA270 @ 520 MHz

Data Storage: Built in 2 GB drive

USB port for easy data retrieval

Temperature Range: 0 to 40°C operating; -20 to 65°C storage

TEMP data logger

Size: 133 X 102 X 57 mm

Weight: 766 g

Temperature Range: -20 to 65° operating; -40 to 85°C storage

Internal Battery (28 day duration)

Contains 1 installed Li-Ion battery or 0.64 grams ELC

Sampling frequency: programmable, defaulted to the minimum of once per 15 minutes

Water resistant

Thermal Wire® Brand Cables

Custom ordered, each sensor comes standard with 3 m (10 ft) of cable

Sensor type: digital

Sensor operating temperature: up to 105°C

Technical manual included