



PM030 - TOUCH SCREEN INTERFACE FOR PYROCUBE (ALL MODELS)

- Optional wall-mounted display, data logging, configuration and alarm unit for PyroCube sensor
- Read the temperature
The large, bright backlit temperature display is visible from a distance and turns red in an alarm condition.
- Record the temperature history
See a graph of the measured temperature, and log more than a year of data to a single MicroSD Card. The data is stored in a simple text format that can be imported easily into Excel.
- Configure the sensor
All the sensor's configuration settings can be adjusted via the intuitive touch screen interface.
- Trigger temperature alarms
Two alarms are individually configurable as high, low, band or error. The screen turns bright red to signal an alarm condition, and the built-in 24 V, 1 A relay outputs can be connected directly to alarm sounders and beacons.
- Accurate measurements, even with reflections of hot objects
Place the sensor outside an oven or furnace and accurately measure the temperature of objects inside by using the Reflected Energy Compensation feature.

PM030 Specifications	
Inputs	1 x PyroCube sensor (any model)
Outputs	Retransmitted analogue output from PyroCube sensor, plus 2 relays, rated 24 V DC, 1 A
Display Format	2.83" (72 mm) resistive touch TFT, 320x240 pixels, backlit
Touch Screen Display Format	2.83" (72 mm) resistive touch TFT, 320 x 240 pixels, backlit
Storage	MicroSD Card (optional), max. 32 GB, equal to 16 years of data at the fastest sample rate of 1 per second
Data Logging Interval	1 second to 1 day (configurable)
Internal Clock Battery	1 x BR 1225 3V (not included)
Variables Logged	Instantaneous target temperature, hold temperature, alarm events
File format	.csv
Configurable Parameters (Data Logging)	Sample period Number of samples Scheduled start
Configurable Parameters (Alarm Logging)	Log times when triggered, acknowledged, reset Log data while triggered

Configurable Parameters
Languages English, Chinese (simplified), Japanese
Temperature units °C/°F
Displayed temperature
LED sighting on/off
Password
Date & time (for data logging time stamps)
Peak hold period, decay level
Averaging period
Correction (gain/offset)
Emissivity setting (with teach function)
Reflected energy compensation (with teach function)
Output type
Output temperature range
Polarity on error
Alarm mode, levels, hysteresis

SCREENSHOTS (PM030 interface)

