

## SM Quattro Datalogger and Alarm

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The SM QUATTRO microprocessor-based datalogger with 4 fully sealed plug-in PT100 platinum film sensors uses the novel approach of a paperless logging and filing system, which allows the data of any day in its history to be read and examined with just a few key presses. The large graphics LCD display communicates the information to the user with clarity, making programming and setting up friendly and uncomplicated, without compromising its sophistication and digital accuracy.



### Features

- ❧ Paperless datalogger with automatic filing by date.
  - ❧ 50-year clock/calendar for datalogger filing.
  - ❧ The temperature from each Channel is sampled every 15 minutes and stored to a reusable 2.5 year internal databank.
  - ❧ 'Percentage of internal databank used' indication in bar graph and digital form.
  - ❧ 'Internal databank 98% full' indication to transfer contents to appropriate media.
  - ❧ Temperature range: +50°C / -50°C Standard (Extended range available).
  - ❧ Power Supply 220 - 240v ac Mains.
  - ❧ Contents of internal databank can be transferred directly to the PC using the MASTERLINK Software or via a MASTERLINK 2.0 Hardware module to a PC at a remote site.
  - ❧ IP 55 sealed enclosure.
  - ❧ Complies with EU EMC 89/336/EEC directive.
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- ❧ 2-Stage high and low level alarms with mute and reset facilities,
  - ❧ Stage 1 temperature threshold with trigger delay.
  - ❧ Stage 2 limit temperature with immediate trigger.
  - ❧ Status window for system fault indication.
  - ❧ Diagnostics screen revealing system parameters.
  - ❧ Alarm history record for low alarm, high alarm and power fail.
  - ❧ Alarm relay for external device.
  - ❧ Battery back-up for power-fail operation.
  - ❧ 2-Stage high and low level alarms with mute and reset facilities.

## SPECIFICATION

Supply:	220 - 240V AC Single Phase / 24V DC or 12VDC	
Fuses:	2 x 1A 20mm Quick Blow	
Relay Outputs:	Alarm Relay:	5A Changeover 3 Pin Isolated (Volt-free Contacts). May be used with low or main voltage.
Battery:	PP3 Rechargeable	9V

DIMENSIONS:	SM Quattro Unit:	Width:	165mm
		Height:	160mm
		Depth:	75mm
	Sensor:	Diameter:	7.3mm (8.5mm for heat shrink)
Weight:	SM Quattro Unit:		0.96Kg
	Sensors:		0.13Kg
Box material:	Plastic		
Front Panel:	Reverse Printed		
Display:	Large LCD supertwist graphics		
Sensors:	Type:	SX™ PT 100 Platinum Film	
	Compensation:	3 Wire Compensated	
	Cable Length:	5m to 50 m	

### PARTS LIST:

C0428	SM Quattro
C0415	SM Quattro +10 to -90
C0426	SM Quattro 0 to +99
C0445	SM Quattro Panelmount
C0448	SM Quattro Panelmount +10 to -90
A6905	Sensor (5m Cable)
A6915	Sensor (15m Cable)
A6925	Sensor (25m Cable)
A6950	Sensor (25m Cable)
C0322	Masterlink Software
C0321	Masterlink Hardware
A6911	Sensor Extender (10m)
A6921	Sensor Extender (20m)
A6951	Sensor Extender (50m)
C0429	Humidity Sensor
A6936	Wall bracket for humidity sensor