Hardware Specification.

Display

Display type:	LCD.
Reflective/transflective:	Reflective.
Backlit:	No.
Number of digits:	4.
Separator for Mins/Secs:	Colon.
Digit height:	25.4mm.
On-board driver:	No.

Processor

Type:	ST7.
Software resilience:	On-board hardware watchdog timer.

Case

Type:	Handheld plastic.
Colour:	Preferably white.
Display cutout:	Yes.
Accepts keypad:	Yes.
Battery compartment:	Yes.
Spare battery compartment:	No.
EMC protected:	

Keypad

Type:	Membrane.
Base colour:	
Number of keys:	3.
Key functions/legend:	
Key 1:	Start.
Key 2:	Stop.
Key 3:	Reset.
Key colours:	
Key 1:	Green.
Key 2:	Red.
Key 3:	

Sounder

Fitted:	Yes.
Type:	Low current piezo.

Battery

Type:	AA.
Low battery indication:	Flashing 17mm high message "Lo Batt" plus intermittent sounder.
Battery life:	

Operating temperature

Range:	0 – 54 degrees C.

Company legend

Text:	

Peter Anderson

27th January 2004	Initial specification.
20th February 2004	Keypad details added.
1st March 2004	Maximum operating temperature specified by battery.
3rd June 2004	Battery type changed and spare battery compartment removed.
23rd August 2004	LCD character height changed to 25.4mm and processor type changed to ST7.