Hardware Specification.

Display

Display type:	LCD.
Reflective/transflective:	Reflective.
Backlit:	No.
Number of digits:	4.
Separator for Mins/Secs:	Colon.
Digit height:	17mm.
On-board driver:	No.

Processor

Type:	PIC with on-board LCD driver.
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:	Preferably.
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:	PP3.
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.