

Specification

Requested by		Vandagraph			
Name/Position		J.S.Lamb			
Address					
Telephone number		01535 634542			
Origination date		Monday, January 20, 2003			
		Description	Specification	Changes	
1		Intended use			
2		General specification			
	1	Height			
	1.1	Width			
	1.2	Depth			
	1.3	Weight			
3		Power requirements			
	1	AC/DC	DC		
	1.1	Voltage	3v or 6v		
	1.2	Frequency	N/A		
	1.3	Wattage normal			
	1.4	Wattage at switch on			
	1.5	Wattage in sleep mode			
	2	Battery specification	Alkaline/ Metal Hydride/Lith		
	2.1	Battery life			
	2.2	Battery size			
	2.3	Battery type			
4		Physical			
	1	Colour	Black or Yellow/Green		
	1.1	Material	ABS		
	1.2	Visual acuity	1 metre		
	1.3	Mounting	N/A		
5		Environmental			
	1	Operating Temperature			
	1.1	Storage temperature			
	1.2	Operating Aatitude			
	1.3	Storage altitude			
	1.4	Operating relative Humidity			
	1.5	Storage relative humidity			
	1.6	Waterproofing, spill resistance			
	1.7	Cleaning and disinfecting			
6		Performance			
	1	Display	LCD		
	1.1	Accuracy	+/- 0.1 %		
	1.2	Resolution	+/- 0.1%		
	1.3	Useage continuous Y/N	Both options internally switched		

		1.4	Calibration	Air & 100% Oxygen	
		1.5	User controls	On/off: Calibration/ Continuous or	
		1.6	Stability	Set by sensor	
		1.7	Response time	Set by sensor	
		1.8	External conditions effecting accuracy	Temperature, Pressure, Humidity ; Mainly by sensor	
	7		Accessories		
		1	Sampler		
		2	Sensor		
	8		Standards appropriate		
		1	IEC606.01		
		1.1	IEC 606-02		
		1..	IEC 601		
		13	MDD		
		1.4	FDA 510K		
		1.5	ASTM Americam society for testing materials		
		1.6	ISO 7767	Y	
		1.7	ANSI American National Standards Institute	?	
		1.8	CSA	?	
		1.9	ISO 13485	Y	
	9		Final Design tests required		
	10		Acceptance test crireia		
	11		Trial requirements		
		1	In-house		
		1.1	External		
	12		Maintenance		
	13		Packaging		
		1	Impact resistance		
		1.1	Vibration		