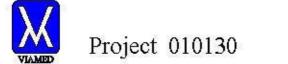


Project 010130

Drager Analyser

- 1	1.7	Cleaning and disinfecting	Soap & water (not sensor)	
		\$\$ 35E		
б		Performance		
	1	Display	LCD	
	1.1	Accuracy	+/- 1% FSD minimum	
	1.2	Resolution	0.1 %	
	1.3	Useage continuous Y/N		
	1.4	Calibration	Manual: still air	
	1.5	User controls	Calibration On/off switch	WOON 104
	1.6	Stability	Depends on sensor?	
	1.7	Response time	7 secs 90% step 21-100%	
	1.8	External conditions effecting accuracy	EMC, Altitude, Temperature Interfering gases limited by sensor	
7		Accessories		
	1	Sampler	Similar VN202	
	2	Sensor	The state of the s	
8		Standards appropiate		
	1	IEC606.01		
	1.1	IEC 606-02		
	1.2	IEC 601		
	13	MDD		
	1.4	FDA 510K	2.20	
	1.5	ASTM Americam society for testing materials	Specification for oxygen analysers F1462-93 ?	
	1.6	ISO 7767		
	1.7	ANSI American National Standards Institute	?	
	1.8	CSA	?	
9		Final Design tests required		
10		Acceptance test crireia		
11		Trial requirements		
	1	In-house	Use on cylinders	
	1.1	External		
12		Maintenance	Minimum	
13		Packaging		
	1	Impact resistance	Drop proof NSTA Project 1 10	
			drops from 30ins onto a	
	10 10	119 0	concrete surface	
	1.1	Vibration	Must sustain vibration in RIBs	
			NSTA project 1 14.200	
			vibratory impacts 0.6in	
- 1			displacement	



Drager Analyser

Requested by	Service 1	
Name/Position	900 S	
Address		
Telephone number		
Origination date	14/March 2001	

	Vel	Description	Specification	Changes
1		Intended use	A small hand held Oxygen analyser with the same quality and accuracy as the VN202 but smaller Sensor built into case	
2		General specification		
	1	Height	As small as possible set by DPM/ battery/& sensor	
	1.1	Width	As above	
	1.2	Depth	As above	
	1.3	Weight	As above	
3		Power requirements		
	1	AC/DC	DC	
	1.1	Voltage	3volt or 9volt	
	1.2	Frequency	DC	
	1.3	Wattage normal	N/A	
	1.4	Wattage at switch on	N/A	
	1.5	Wattage in sleep mode	N/A	
	2	Battery specification	N/A	8
	2.1	Battery life	Auto switch off	
	2.2	Battery size	Standard readily available size	
	2.3	Battery type	Standard readily available	
4		Physical	1	
	1	Colour		
	1.1	Material	ABS or similar	
	1.2	Visual acuity	Large LCD :legends to be readable at 1 mtr at 215 Lux	
	1.3	Mounting	Not applicable hand held	
5	S.	Environmental	3	
	1	Operating Temperature	0 to 40 C	
	1.1	Storage temperature	0 to 30 C continuous 0-50 intermittant	
	1.2	Operating Aatitude	2,4 KM (sensor)	
	1.3	Storage altitude	12.2 K (sensor)	
	1.4	Operating relative Humidity	0 to 95% non condensing	
	1.5	Storage relative humidity	0 to 99 % non condensing	
	1.6	Waterproofing, spill resistance	Splash proof: Dive bags	