Job Description & Specification

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IL		
Project: Microstim – DBS - Double Burst Stimulation		
Requested By	Customers	
Name / Position		
Address		
Telephone No		
Origination Date		

Intended use General Specification 10 Height 12cm 11 Width 7cm 12 Depth 2.5cm 13 Weight (with battery) 0.2kg Power Requirements 10 AC / DC DC
10 Height 12cm 11 Width 7cm 12 Depth 2.5cm 13 Weight (with battery) 0.2kg Power Requirements
11 Width 7cm 12 Depth 2.5cm 13 Weight (with battery) 0.2kg Power Requirements
12 Depth 2.5cm 13 Weight (with battery) 0.2kg Power Requirements
13 Weight (with battery) 0.2kg Power Requirements
Power Requirements
Power Requirements
10 AC / DC DC
11 Voltage 9V
12 Frequency 0
13 Wattage normal Circuit Design Dictates
14 Wattage at switch mode
15 Wattage in sleep mode N/A
20 Battery specification Readily Available Worldwide
21 Battery life To be determined
22 Battery size 5cm x 2.5cm x 1.5cm
23 Battery type PP3
Physical
10 Colour Not Vital
11 Material ABS Plastic
12 Visual acuity N/A
13 Mounting None
Environmental
10 Operating temperature Room Temperature
11 Storage temperature Room Temperature
12 Operating altitude N/A
13 Storage altitude N/A
14 Operating relative humidity N/A
15 Storage relative humidity N/A
16 Waterproofing, spill resistance
17 Cleaning and disinfecting Detergent

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10 11 12 13 14 15 16 17 18	Performance Display Accuracy Resolution Usage continuous Y/N Calibration User controls Stability Response time External conditions affecting accuracy	None N/A N/A N/A N N/A Switches Long-term – No degradation Immediate N/A	
11 12 13 14 15 16 17 18	Accuracy Resolution Usage continuous Y/N Calibration User controls Stability Response time External conditions	N/A N/A N N/A N/A Switches Long-term – No degradation Immediate	
12 13 14 15 16 17 18	Resolution Usage continuous Y/N Calibration User controls Stability Response time External conditions	N/A N N/A Switches Long-term – No degradation Immediate	
13 14 15 16 17 18	Usage continuous Y/N Calibration User controls Stability Response time External conditions	N N/A Switches Long-term – No degradation Immediate	
14 15 16 17 18	Calibration User controls Stability Response time External conditions	N/A Switches Long-term – No degradation Immediate	
15 16 17 18	User controls Stability Response time External conditions	Switches Long-term – No degradation Immediate	
16 17 18	Stability Response time External conditions	Long-term – No degradation Immediate	
17 18	Response time External conditions	Immediate	
18	External conditions		
		N/A	
19	affecting accuracy	1 1/1 1	
19			
	Alarms	N/A	
	Accessories		
10			
	Standards Appropriate		
10	IEC 606.01 EMC		
11	IEC 606-02 EMC		
12	IEC 601 Safety	Clause 2.2.25 - BF	
13	MDD	Yes	
	Final Design Tests		
	Required		
	Acceptance test Criteria	Neon / Audio	
	Trial Requirements		
10	In-house		
11	External	Operating Theatres	
	Maintenance	None	
	Packaging		
	Impact resistance	Will be dropped onto	
	-	concrete from approx 1 metre	
11	Vibration	N/A	
		+	
1 1 1 1 1 1 1	110 111 112 113 110 110	Standards Appropriate IEC 606.01 EMC IEC 606-02 EMC IEC 601 Safety MDD Final Design Tests Required Acceptance test Criteria Trial Requirements In-house IEC External Maintenance Packaging Impact resistance	Standards Appropriate 10 IEC 606.01 EMC 11 IEC 606-02 EMC 12 IEC 601 Safety Clause 2.2.25 - BF 13 MDD Yes Final Design Tests Required Acceptance test Criteria Neon / Audio Trial Requirements 10 In-house 11 External Operating Theatres Maintenance None Packaging 10 Impact resistance Will be dropped onto concrete from approx 1 metre