

Job Description & Specification

Page 1

Project: Microstim – DBS - Double Burst Stimulation				
Requested By		Customers		
Name / Position				
Address				
Telephone No				
Origination Date				
		Description	Specification	Changes
1		Intended use		
2		General Specification		
	10	Height	12cm	
	11	Width	7cm	
	12	Depth	2.5cm	
	13	Weight (with battery)	0.2kg	
3		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	
4		Physical		
	10	Colour	Not Vital	
	11	Material	ABS Plastic	
	12	Visual acuity	N/A	
	13	Mounting	None	
5		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	

QC 22

Job Description & Specification

Page 2

Project: Microstim – DBS - Double Burst Stimulation				
Requested By		Customers		
Name / Position				
Address				
Telephone No				
Origination Date				
		Description	Specification	Changes
6		Performance		
	10	Display	None	
	11	Accuracy	N/A	
	12	Resolution	N/A	
	13	Usage continuous Y / N	N	
	14	Calibration	N/A	
	15	User controls	Switches	
	16	Stability	Long-term – No degradation	
	17	Response time	Immediate	
	18	External conditions affecting accuracy	N/A	
	19	Alarms	N/A	
7		Accessories		
	10			
8		Standards Appropriate		
	10	IEC 606.01 EMC		
	11	IEC 606-02 EMC		
	12	IEC 601 Safety	Clause 2.2.25 - BF	
	13	MDD	Yes	
9		Final Design Tests Required		
10		Acceptance test Criteria	Neon / Audio	
11		Trial Requirements		
	10	In-house		
	11	External	Operating Theatres	
12		Maintenance	None	
13		Packaging		
	10	Impact resistance	Will be dropped onto concrete from approx 1 metre	
	11	Vibration	N/A	
QC 22				