

## Job Description & Specification

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**Project:** Microstim – DBS - Double Burst Stimulation

**Requested By** Customers

**Name / Position**

**Address**

**Telephone No**

**Origination Date**

		Description	Specification	Changes
1		<b>Intended use</b>		
2		<b>General Specification</b>		
	10	Height	12cm	
	11	Width	7cm	
	12	Depth	2.5cm	
	13	Weight (with battery)	0.2kg	
3		<b>Power Requirements</b>		
	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		<b>Physical</b>		
	10	Colour	Not Vital	
	11	Material	ABS Plastic	
	12	Visual acuity	N/A	
	13	Mounting	None	
5		<b>Environmental</b>		
	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**

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		Description	Specification	Changes
6		<b>Performance</b>		
	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		<b>Accessories</b>		
	10			
8		<b>Standards Appropriate</b>		
	10	IEC 606.01 EMC		
	11	IEC 606-02 EMC		
	12	IEC 601 Safety	Clause 2.2.25 - BF	
	13	MDD	Yes	
9		<b>Final Design Tests Required</b>		
10		<b>Acceptance test Criteria</b>	Neon / Audio	
11		<b>Trial Requirements</b>		
	10	In-house		
	11	External	Operating Theatres	
12		<b>Maintenance</b>	None	
13		<b>Packaging</b>		
	10	Impact resistance	Will be dropped onto concrete from approx 1 metre	
	11	Vibration	N/A	

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