

	Reference	Measure	ok	Remarks
Protective Earthing 12 / >25A AC				
Between PE input and screw of entry modul	<0,1 Ohm		<input checked="" type="checkbox"/>	

Dielectric Strength 2500VDC				
Between (P/N) and (PE)	t = 2s	---	<input checked="" type="checkbox"/>	
Between (LAN) and (PE)	t = 2s	---	<input checked="" type="checkbox"/>	
Dielectric Strength 5000VDC				
Between (P/N) and (LAN)	t = 2s	---	<input checked="" type="checkbox"/>	

Earth Leakage Current				
253V / 115V; S1 "I"; S7 "I"; S5 "I"; NC	<0,3 mA		<input checked="" type="checkbox"/>	
253V / 115V; S1 "I"; S7 "I"; S5 "II"; NC	<0,3 mA		<input checked="" type="checkbox"/>	
253V / 115V; S1 "0"; S7 "I"; S5 "I"; SFC	<0.6 mA		<input checked="" type="checkbox"/>	
253V / 115V; S1 "0"; S7 "I"; S5 "II"; SFC	<0.6 mA		<input checked="" type="checkbox"/>	

Enclosure Leakage Current				
253V / 115V; S1 "I"; S7 "II"; S5 "I"; NC	<0,06 mA		<input checked="" type="checkbox"/>	
253V / 115V; S1 "I"; S7 "II"; S5 "II"; NC	<0,06 mA		<input checked="" type="checkbox"/>	
253V / 115V; S1 "I"; S7 "0"; S5 "I"; SFC	<0,3 mA		<input checked="" type="checkbox"/>	
253V / 115V; S1 "I"; S7 "0"; S5 "II"; SFC	<0,3 mA		<input checked="" type="checkbox"/>	
253V / 115V; S1 "0"; S7 "II"; S5 "I"; SFC	<0,3 mA		<input checked="" type="checkbox"/>	
253V / 115V; S1 "0"; S7 "II"; S5 "II"; SFC	<0,3 mA		<input checked="" type="checkbox"/>	
253V / 115V; SIP/SOP; S9 "I"; SFC	<0,3 mA		<input checked="" type="checkbox"/>	
253V / 115V; SIP/SOP; S9 "II"; SFC	<0,3 mA		<input checked="" type="checkbox"/>	

NC = Normal Condition
SFC = Single Fault Condition

Check of Test Instruments

Check at the **beginning** of test procedure O.K. not O.K.
Check at the **end** of test procedure O.K. not O.K.

Date / Signature: 13.1.07 *33c*

Check:

Adjustments and checks	ok	Remarks
Main board voltages <ul style="list-style-type: none"> • 5VDC ($\pm 1\%$) • 12VDC ($\pm 2\%$) • 21VDC ($\pm 2\%$) 	<input checked="" type="checkbox"/>	
All connectors checked	<input checked="" type="checkbox"/>	
Stimulus <ul style="list-style-type: none"> • optical path checked • Stimulus size and sharpness checked • Light density checked 	<input checked="" type="checkbox"/>	
Background illumination <ul style="list-style-type: none"> • Light density checked • homogeneity checked 	<input checked="" type="checkbox"/>	
CMOS camera <ul style="list-style-type: none"> • centered, focus, homogeneity and brightness checked 	<input checked="" type="checkbox"/>	
Fixation target <ul style="list-style-type: none"> • centered, focus and homogeneity checked 	<input checked="" type="checkbox"/>	
Stimulus projection unit <ul style="list-style-type: none"> • Noise checked 	<input checked="" type="checkbox"/>	
Digital in- and outputs <ul style="list-style-type: none"> • All limit switches checked • Stimulus beeper volume checked • Patient response button checked 	<input checked="" type="checkbox"/>	
General test 24 hours	<input checked="" type="checkbox"/>	
Calibration <ul style="list-style-type: none"> • Stimulus and background values verified 	<input checked="" type="checkbox"/>	
Serial Number <ul style="list-style-type: none"> • Storage of serial number checked 	<input checked="" type="checkbox"/>	
Chin rest motors <ul style="list-style-type: none"> • Motion in horizontal and vertical direction • Switching off in end positions 	<input checked="" type="checkbox"/>	
Correction Lens holder <ul style="list-style-type: none"> • Adjustment to center position • Motion up/down checked • IR-Illumination checked 	<input checked="" type="checkbox"/>	
Fixation monitoring <ul style="list-style-type: none"> • Pupil measurement and automatic eye tracking checked 	<input checked="" type="checkbox"/>	
Default values set with patient response button	<input checked="" type="checkbox"/>	
Cleaning of instruments and LCD, color damages mended	<input checked="" type="checkbox"/>	
Accessories complete	<input checked="" type="checkbox"/>	

Enclosed protocols:

- Protocol "1620_1803000_01A00_Electrical_Safety.doc"
- Perimeter Identification

Date / Signature :

 13.7.07 *SB*

Traceable subassemblies		
Part number	Subassembly	Trace number
1804005	Main board	2 9 9 7 3
1804205	Light Controller Board	2 9 9 0 6
1804401	Light Sensor BG	2 9 9 2 7
1804421	Light Sensor Stimulus	2 9 9 3 0
1802198	Power supply 5/12V	3 5 9 0 7
1803912	Power supply 21V	2 9 5 7 9

OCTOPUS 900

Serial number	171
Date of production	11.07.07
Signature	6014
Software version	1.0.1

OCTOPUS LAN parameters

IP address	172.016.042.032
Gateway	172.016.031.043
Subnet mask	255.255.000.000
Port	49153
Mac address	0.50.c2.14.94.1d

Calibration parameters

Background calibration date	11.07.2007
Signature	6014

Stimulus calibration date	11.07.2007
Signature	6014

	<u>Frequency [Hz]</u>
Background white 31.4 asb	1263
White stimulus 0 dB	632220
White stimulus 20 dB	6036
Red stimulus 0 dB	37271
Red stimulus 20 dB	1872
Background yellow 314 asb	9308
Blue stimulus 0 dB	38916
Blue stimulus 13 dB	1817

Subassemblies

FLASH software version	1.05
FLASH software release date	22.06.2007
FPGA software version	1.03
FPGA software release date	22.06.2007
Boot loader version	1.00
Boot loader release date	20.03.2007
Stimulus sensor	1
Background sensor	1
Navigation board	0
Light controller	0
Main board	0

Date / Signature:

11.7.07



