

EKG

METRON QA-90

protokol o testu elektrické bezpečnosti

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QA-90 no: 12395	ver : 04.06
Dne : 21.12.2007 Hod.: 16:10	
Model : M1771A	Výrobní číslo : US00501752
Typ : PageWriter 200	Inventurní číslo : Inv. è. I019834
Výrobce: Hewlett-Packard/Agilent Technologies/Philips	
Umístění/uzivatel : II. chirurgie odd. 37	
Adresa: Fakultní nemocnice Olomouc, I.P. Pavlova 6, 775 20 Olomouc	
Klasifikace přístroje : CL1	Mezní hodnoty podle: IEC 60601.1

TEST RESULTS

— MODULE INFORMATION —

Module Code	Module Type	No of leads
ECG10	CF	10

— SETUP DATA —

Power Up Delay Time	: 2	Stop after new power config	: No
Stop at new module	: No	Stop before new power config	: No
Multiple Protective Earth Tests	: No	Multiple Enclosure Tests	: No
Protective Earth test current	: 25 A	External Isolating Transformer	: No

Test	Limit	Result	Warning
Supply Voltage			
N-G		0,1 V	
L-G		230,4 V	
L-N		230,5 V	
Current Consumption		107 mA	
Protective Earth	200 mΩ	62 mΩ	
Insulating Resistance			
Applied Part-Case		82 MΩ	
Mains-Case		>200 MΩ	
Earth Leakage Current			
OS	1000 μA	30 μA	
NC	500 μA	15 μA	
OS-RM	1000 μA	30 μA	
NC-RM	500 μA	15 μA	
Enclosure Leakage Current			
OS	500 μA	0 μA	
NC	100 μA	0 μA	
OE	500 μA	15 μA	
OS-RM	500 μA	0 μA	
NC-RM	100 μA	0 μA	
OE-RM	500 μA	15 μA	
Patient Leakage Current AC			
OS, Module : ECG10, Lead : 10	50 μA	0 μA	
NC, Module : ECG10, Lead : 10	10 μA	0 μA	
OE, Module : ECG10, Lead : 10	50 μA	2 μA	
OS-RM, Module : ECG10, Lead : 10	50 μA	0 μA	
NC-RM, Module : ECG10, Lead : 10	10 μA	0 μA	
OE-RM, Module : ECG10, Lead : 10	50 μA	2 μA	

Mains on Applied Parts

SFC, Module : ECG10, Lead : ALL	50 μ A	8 μ A
SFC-RM, Module : ECG10, Lead : ALL	50 μ A	7 μ A

Patient Auxiliary Current AC

OS, Module : ECG10, Lead : 10	50 μ A	0 μ A
NC, Module : ECG10, Lead : 10	10 μ A	0 μ A
OE, Module : ECG10, Lead : 10	50 μ A	0 μ A
OS-RM, Module : ECG10, Lead : 10	50 μ A	0 μ A
NC-RM, Module : ECG10, Lead : 10	10 μ A	0 μ A
OE-RM, Module : ECG10, Lead : 10	50 μ A	0 μ A

Patient Auxiliary Current DC

OS, Module : ECG10, Lead : 10	50 μ A	0 μ A
NC, Module : ECG10, Lead : 10	10 μ A	0 μ A
OE, Module : ECG10, Lead : 10	50 μ A	0 μ A
OS-RM, Module : ECG10, Lead : 10	50 μ A	0 μ A
NC-RM, Module : ECG10, Lead : 10	10 μ A	0 μ A
OE-RM, Module : ECG10, Lead : 10	50 μ A	0 μ A

Patient Leakage Current DC

OS, Module : ECG10, Lead : 10	50 μ A	0 μ A
NC, Module : ECG10, Lead : 10	10 μ A	0 μ A
OE, Module : ECG10, Lead : 10	50 μ A	0 μ A
OS-RM, Module : ECG10, Lead : 10	50 μ A	0 μ A
NC-RM, Module : ECG10, Lead : 10	10 μ A	0 μ A
OE-RM, Module : ECG10, Lead : 10	50 μ A	0 μ A

***** UNIT PASSED TEST! *****

Remark :

baterie 07/2001 - slabá

Signature : _____