

METRON QA-90

protokol o testu elektrické bezpečnosti

Technik : Ing. Josef Vrána

Firma : S&T Plus s.r.o., Novodvorská 994, 142 21 Praha 4

QA-90 no: 12395 ver : 04.06

Dne : 21.12.2007Hod.: 09:18

Model : M1770A

Výrobní číslo : CNC4216756

Typ : PageWriter 200i

Inventurní číslo : Inv. è. I018434

Výrobce: Hewlett-Packard/Agilent Technologies/Philips

Umístění/uzivatel : Ortopedie 29A JIP

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
ECG10Module Type
CFNo of leads
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		227,8 V	
L-N		227,1 V	
Current Consumption		114 mA	
Protective Earth	200 mΩ	86 mΩ	
Insulating Resistance			
Applied Part-Case		88 MΩ	
Mains-Case		>200 MΩ	
Earth Leakage Current			
OS	1000 μA	34 μA	
NC	500 μA	17 μA	
OS-RM	1000 μA	34 μA	
NC-RM	500 μA	17 μA	
Enclosure Leakage Current			
OS	500 μA	0 μA	
NC	100 μA	0 μA	
OE	500 μA	17 μA	
OS-RM	500 μA	0 μA	
NC-RM	100 μA	0 μA	
OE-RM	500 μA	17 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	0 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	0 μA	

Mains on Applied Parts

SFC, Module : ECG10, Lead : ALL	50 μ A	7 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 10/1996 - slabá

Signature : _____