

TEST REPORT

MODEL NO. : MIT2301

SERIES NO. : 007237

TEST DEPARTMENT: QA Department

STANDARD: Operation Manual

TEST DATE: Oct 27 2010

MIT 2301 EARTH RESISTANCE CLAMP TESTING REPORT

Test center MITCHELL
Department :S.Q.
Quality Manager JIA GANG
Customer :
File N :CALL
Manufacturer MITCHELL Instrument co.
Type :MIT2301
Serial Number :007237
Verified on :2010/10/27

Temperature :23°C ± 3°C
Humidity :50%RH ± 10%
Battery Voltage :>7V
External Magnetic Field :<40A/m
External Electric Field :<1v/m

Standard Instrument 1
Type :FLUKE 5500A
Number :6655016
Adjusted on :2009/12/05
Interval :1 Year

Standard Instrument 2
Type :HY 2000R
Number :NO
Adjusted on :2009/12/05
Interval :1 Year

Comments

Testing Report I

Number:007237

Measurement Current	60mA	100mA	200mA	400mA	800mA	1.5A	3A	7A	10A	18A
Qualified Range	57.5~	96.5~	193~	387~	777~	1.433~	2.895~	6.795~	9.72~	17.52~
Frequency	62.5	103.5	207	413	823	1.568	3.105	7.205	10.28	18.48
45HZ	59.8	99.4	199.1	398	797	1.499	2.993	6.97	10.01	18.02
50HZ	60.1	100.0	199.8	400	799	1.503	2.994	6.97	10.01	18.02
60HZ	60.5	100.6	199.8	400	800	1.498	2.989	6.94	10.00	18.01
72HZ	60.4	100.3	200.4	400	795	1.499	2.987	6.93	10.00	18.01
90HZ	60.5	100.6	199.3	401	797	1.498	2.986	6.97	9.99	18.06
120HZ	60.5	100.7	199.3	401	796	1.497	2.984	6.93	9.99	18.09

Testing Report II

Serial Number	Standard Resistance	Measurement Value	Qualified Range	Pass	Comment
1	0.005Ω	0.004	0.000~0.015	OK	
2	0.025Ω	0.024	0.015~0.035	OK	
3	0.01Ω	0.010	0.000~0.02	OK	
4	0.05Ω	0.050	0.04~0.06	OK	
5	0.1Ω	0.103	0.089~0.111	OK	
6	0.5Ω	0.504	0.4825~0.5175	OK	
7	1Ω	1.009	0.885~1.115	OK	
8	3Ω	3.03	2.855~3.145	OK	
9	5Ω	5.02	4.825~5.175	OK	
10	8Ω	8.06	7.78~8.22	OK	
11	10Ω	10.01	9.5~10.5	OK	
12	30Ω	30.1	29.1~30.9	OK	
13	50Ω	50.1	48.7~51.3	OK	
14	100Ω	100.5	96~104	OK	
15	250Ω	245	230~270	OK	
16	500Ω	490	440~560	OK	
17	750Ω	754	580~920	OK	
18	1000Ω	1002	780~1200	OK	