

Test Sequence

Medical Electrical Safety – IEC 62353 (Recurrent) (v1.0)

Template	Medical Electrical Safety – IEC 62353 (Recurrent)
Version	1.0
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Test Steps

#	Step / Instruction	Type	Limits	Unit	Actual / Pass
1	Protective Earth Resistance Measure PE from earth pin to accessible conductive parts. Ref: IEC 62353:2014 Table 2	Measurement	0.2 Ω ±0.2	Ω	-----
2	Enclosure Leakage Current (NC) Measure enclosure leakage in normal condition using DIRECT or DIFFERENTIAL method. Ref: IEC 62353:2014 §5.3.3	Measurement	500 μA ±500	μA	-----
3	Patient/Applied-Part Leakage (NC) Measure patient leakage in normal condition. Ref: IEC 62353:2014 §5.3.4	Measurement	100 μA ±100	μA	-----
4	Patient/Applied-Part Leakage (SFC, open earth) Simulate open protective earth and measure leakage. Ref: IEC 62353:2014 §5.3.4	Measurement	500 μA ±500	μA	-----
5	Insulation Resistance Apply 500 VDC between mains parts and protective earth. Ref: IEC 62353:2014 §5.3.6	Measurement	50 MΩ ±0	MΩ	-----