

ELECTRICAL SPECIFICATIONS

	3P method	4P / 4P selective method	Earth measurement with 2 clamps	Resistivity	Earth potential measurement	DC resistance measurement	Measurements with C.A 6474
Range	0.01 Ω to 99.9 k Ω	0.001 Ω to 99.99 Ω	0.01 Ω to 500 Ω	0.01 k Ω to 99.9 k Ω	0.01 mV to 65.00 V	0.001 Ω to 99.9 k Ω	0.001 Ω to 99.99 k Ω
Resolution	0.01 to 100 Ω	0.001 to 10 Ω	0.01 to 1 Ω	0.01 to 100 Ω	0.01 mV to 10 mV	2 wires: 0.01 Ω to 100 Ω / 4 wires: 0.001 Ω to 10 Ω	0.001 to 10 Ω
Accuracy	\pm (2% + 1 count)	\pm (2% + 1 count)	\pm (10% + 1 count)	\pm (2% + 1 count)	\pm (5% + 1 count)	\pm (2% + 2 counts)	\pm (5% + 1 count)
No-load voltage	16 or 32Vrms	16 or 32 Vrms	16 or 32 Vrms	16 or 32Vrms	16 or 32 Vrms	\pm 16 VDC	16 or 32 Vrms
Measurement frequency	41 to 5,078 Hz	41 to 5,078 Hz	Auto: 1,367 Hz Manual: 1,367 Hz, 1,611 Hz, 1,758 Hz	41 to 128 Hz	41 to 128 Hz	DC	41 to 5078 Hz
Coupling measurement	yes	–	–	–	–	–	–
Auxiliary rod resistance measurement	0.1 Ω to 100 k Ω	0.01 Ω to 100 k Ω	–	–	–	–	0.01 Ω to 100 k Ω
U_{interference}	maximum 60 V _{peak}					–	maximum 60 V _{peak}
Test method	–	–	–	Wenner and Schlumberger with automatic calculation	–	–	–
Type of measurement	3 wires	4 wires	–	4 wires	3 wires	2 wires or 4 wires	–
Measurement current	–	–	–	–	–	> 200 mA DC	–

MECHANICAL SPECIFICATIONS

Memory/Communication	512-record memory / optical link/USB
Dimensions / weight	272x250x128 mm / C.A 6472: 3.2 kg / C.A 6474: 2.3 kg
Protection rating	IP 53
Electrical safety	CAT IV 50 V, complies with IEC 61326-1 / IEC 61010 / IEC 61557-1-4-5