

Instrument Type		Eurotest	EurotestEASI	EurotestXE	Instaltest	Installcheck	Earth-Insulation Tester	RCD Loop/Line	RCD (FI)	Z Loop/Line	Insulation/Continuity	Earth/Clamp	
			New! 	New! 									
Measurement functions and other		Part No.:	MI 2086 EU MI 2086 ST	MI 3100	MI 3102	MI 2087	MI 2150	MI 2088 MI 2088-20 MI 2088-50	MI 2120	MI 2121	MI 2122	MI 2123 MI 2123C	MI 2124
INSULATION	Insulation Resistance Test voltage 50 V/100 V/250 V/1000 V DC	✓	✓ from 100V	✓ from 100V	✓	✓ 500V	✓				✓	✓	
CONTINUITY	Continuity of PE Conductors Automatic polarity exchange, Test current >200 mA	✓	✓	✓	✓		✓				✓	✓	
	Low Resistance Continuous measurement No polarity exchange, Low test current	✓			✓	✓	✓				✓	✓	
LINE, LOOP	Line Impedance Z_{LINE} / I_{PSC} ; L-L, L-N	✓									✓		
	Loop Impedance Z_{LOOP} / I_{PSC} ; L-PE	✓									✓		
	Contact voltage at I_{PSC} ; Auxiliary test rod method	✓											
	Line Resistance R_{LINE} / I_{PSC} ; L-N		✓	✓	✓	✓	✓	✓					
	Loop Resistance R_{LOOP} / I_{PSC} ; L-PE		✓	✓	✓	✓	✓	✓					
	Loop Resistance L-PE; Without tripping RCD, Test current 15 mA		✓	✓							✓		
RCD (FI)	Contact voltage ; (Without tripping the RCD)	✓	✓	✓	✓			✓	✓				
	Earth-Loop resistance ; (Without tripping the RCD)	✓	✓	✓	✓	✓		✓	✓				
	Earth Resistance Test current $I_{\Delta N}/2$ (Without tripping the RCD), Auxiliary test rod method	✓											
	RCD Trip Out Time ; Test current $0.5I_{\Delta N}$, $I_{\Delta N}$, $5I_{\Delta N}$	✓	✓	✓	✓	✓	✓ $I_{\Delta N}$	✓	✓				
	RCD Trip Out Current (Ramp test)	✓	✓	✓	✓	✓		✓	✓				
	RCD Automatic Test	✓	✓	✓	✓								
EARTH	Total Earth Resistance ; Test method with four /three / two test rods	✓/✓/✓		- / ✓ / -				✓/✓/✓					✓/✓/✓
	Particular Earth Resistance ; Test method with two test rods and one clamp	✓						✓					✓
	Earth Resistance ; Test method with two clamps	✓						✓					✓
	Specific Earth resistance ; Test method with four test leads / four test rods	✓						✓					✓
POWER, HARMONICS	Voltage and Current Harmonics	✓											
	Power (W, VA, Var, cos φ)	✓											
	Energy (Wh)	✓											
SENSOR	Illumination	✓		✓	✓								
OTHER	Varistor Breakdown Voltage Ramp test voltage 50 up to 1000 V DC; 500 V/s Treshold current 1 mA	✓			✓		✓						
	Mains Voltage	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	
	Voltage Logging				✓								
	Current 0,2 mA up to 200 A; Clamp measurement - True RMS	✓		✓			✓						
	Frequency	✓	✓	✓	✓					✓			
	PE Terminal Test (presence of phase voltage)	✓	✓	✓			✓						
	Analysis of mains Outlet (Wiring)		✓	✓			✓			✓			
	Phase Rotation	✓	✓	✓	✓		✓						
	Installation Tracing (Faults, Fuses, Wires)	✓			✓								
ACCESSORIES	Plug Commander (Start, Stop, Store)	✓	✓	✓	✓								
	Tip Commander (Start, Stop, Store)	✓	✓	✓	✓							✓	
	PC Software	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
STANDARD	IEC / EN 61557	1, 2, 3, 4, 5, 6, 7	1, 2, 3, 4, 6, 7	1, 2, 3, 4, 5, 6, 7	1, 2, 3, 4, 6, 7	7	1, 2, 4, 5	1, 3, 6	1, 6	1, 3, 7	1, 2, 4	1, 2, 4	1, 5