	MIKO-7 with basic SW	MIKO-7 with advanced SW	MIKO-8	MI 3250	MMR 630	WRM-10		
Characteristics								
Measuring range	10 μOhm - 1 kOhm	10 μOhm - 1 kOhm	10 μOhm - 10 kOhm	0,1 μOhm - 2 kOhm	0,1 μOhm - 2 kOhm	1 μOhm - 2 kOhm		
Current rate range	0.0014mA - 10A	0.0014mA - 10A	0.0014mA - 10A	0.1mA - 10A	0.1mA - 10A	10mA -10A		
Insignificant error	±0,1%	±0,1%	±0,1%	±0,25%	±0,2510%	±0.5%1.5%		
Set output power limits	0,3; 1; 5; 20; 62 W	0,3; 1; 5; 20; 62 W	0,3; 1; 5; 20; 62 W	2mkW20 W	20 mkW0,22 W	20 mkW0,22 W		
Operating temperature range	-20°C +40°C	-20°C +40°C	-20°C +40°C	no information	0°C +40°C	-10°C+50 °C		
Display	four-rowed monochrome digital display	four-rowed monochrome digital display	large, color, graphical TFT display (5.7")	Monochrome display	graphic 192x64	monochrome		
Data transfer		USB-cable	USB-cable	RS-232- cable / USB-cable	RS-232- cable	RS-232- cable		
Instrument control	directly	directly and via computer	directly and via computer	directly	directly	directly		
Measurement storage and archive on PC	-	Ø	Ø	⊘	⊘	Ø		
Report preparation		Ø	Ø		•	•		
Archive		⊘	⊘	⊘	⊘	⊘		
Period of continuous operation, hrs, no less than	8	8	8	no information	no information	45 min		
Power supply	mains or accumulator	mains or accumulator	mains or accumulator	mains or embedded accumulator	embedded accumulator	mains		
Case	composite case	composite case	composite case	composite case	composite case	composite case		

IP for transportation	IP 64	IP 64	IP 64	IP 40	IP 54	no information	
Dimensions, mm.	270x250x130	270x250x130	270x250x130	310x130x250	295x95x222	426x320x269	
Weigh, kg.	3,2	3,2	3,2	2,8	1,7	12,2	
Functionality							
Automatic inductance category after measuring	Ø	⊘	⊘	no information	>	no information	
Automatic setting of measuring current	⊘	⊘	⊘	⊘	>	•	
Automatic accounting of load inductance. Instrument automatically defines moment of resistance establishment and stops measurement.		⊘	⊘		•		
Automatic calculation of relative deviation of winding electric resistance of three phases from each other		⊘	⊘		•		
Automatic conversion of linear electrical resistance of windings connected in a delta or star circuit to the electrical resistance of the phase windings		•	⊘		•	•	
Automatic conversion of electrical resistance of windings, measured at current temperature to electric resistance at certified temperature	•	taking into account winding material	taking into account winding material		⊘	•	
Automatic calculation of the deviations measured and reduced to certified temperature of electrical		⊘	⊘		⊘		

resistance of windings with respect to certified resistance values						
Automatic calculation of winding temperature according to its measured and certified value of electrical resistance and certified temperature	•	⊘	◇		>	
Specialized mode of electric resistance measuring of winding of power transformers with OLTC. Instrument may not be switched off when switching OLTC	•	⊘	⊘	•	⊗	⊘
In-place checking and express diagnostics of OLTC condition at any weather conditions without removing the contactor tank cover			⊘		•	
Construction of assessment diagram of OLTC switching directly on the instrument	•	•	⊘		•	
Defining of OLTC fault nature: for instance, identifying of interruption of current-limiting resistors, poor selector contacts, etc.			⊘			•