

Function	Measuring range;	Accuracy	MI 2170	MI 2171
<b>Withstanding voltage test</b> <b>2500 V AC / 250 VA</b> Trip-out current / time	0 - 3000 V 2, 5, 10, 50, 100 mA / <30 ms	± (5% + 5 dig.)	✓	
<b>Withstanding voltage test</b> <b>1000 V AC / 500 VA</b> Trip-out current / time	0 - 1500 V 5, 10, 20, 50, 100, 500 mA / <30 ms	± (5 % + 5 dig.)	✓	✓
<b>Insulation resistance test</b> <b>500 V DC (Hi and Lo terminal)</b> Test current <i>Primary field of use: testing of machines, switchgears</i>	0 - 19.99 MΩ min. 1 mA at 500 kΩ	± (5 % + 5 dig.)	✓	✓
<b>Voltage drop test /</b> <b>Continuity test 10 A (*)</b> <i>(Hi and Lo terminal)</i> Test current <i>Primary field of use: testing of machines</i>	0 - 11.99 V 0 - 1.999 Ω >10 A at R <330 mΩ	± (5 % + 5 dig.) ± (5 % + 5 dig.)	✓	✓
<b>Discharge time test 60 V,</b> <b>120 V (Hi and Lo terminal)</b> Input resistance	0 - 9.9 s 48 MΩ	± (5 % + 3 dig.)	✓	✓
<b>Voltage measurement</b>	0 - 450 V TRMS	± (2 % + 3 dig.)	✓	✓
<b>Functional test</b>	0 - 15.99 A	± (5 % + 3 dig.)	✓	✓
<b>Continuity test 10 A (*)</b> <i>(on shuko plug)</i> Test current <i>Primary field of use: testing of appliances</i>	0 - 1.999 Ω >10 A at R <330 mΩ		✓	
<b>Continuity test 200 mA</b> Test current	0 - 19.99 Ω >200 mA	± (5 % + 5 dig.)	✓	
<b>Insulation resistance test</b> <b>500 V DC (on shuko plug)</b> Test current <i>Primary field of use: testing of appliances</i>	0 - 19.99 MΩ min. 1 mA at 500 kΩ	± (5 % + 5 dig.)	✓	
<b>Substitute Leakage</b> Open circuit voltage	0 - 19.99 mA 40 V	± (5 % + 5 dig.)	✓	
<b>Touch Leakage Current</b> Probe resistance	0 - 1.99 mA 1.8 kΩ	± (5 % + 5 dig.)	✓	
<b>Differential Leakage Current</b>	0 - 19.99 mA	± (5 % + 5 dig.)	✓	✓

(\*) Automatic test