

Sonel AutoISO-5000

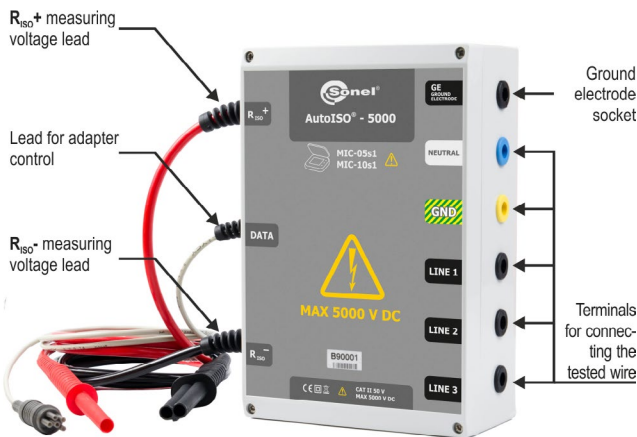
Adapter for measuring cables and wires



AutoISO-5000 adapter is not a stand-alone measuring device. It is an accessory designed to cooperate with MIC-10k1/5050 insulation resistance meters. Before measurements, read the manual of the relevant meter.



v1.02 | 02.02.2022

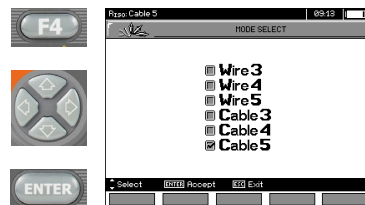


Configuration

Connect the AutoISO-5000 adapter to the meter.

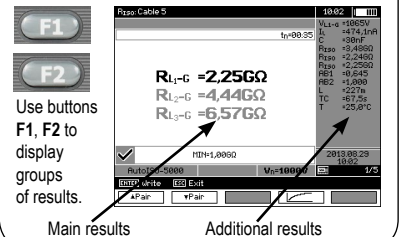


Use buttons F4, $\uparrow$, $\downarrow$ and ENTER to select the type of tested object and the number of its wires.



Measurement results

Read out the result after the measurement.



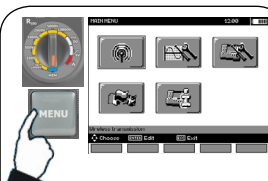
U_{iso} test voltage
I_l leakage current
C electric capacity of tested wire
AB1, AB2 dielectric absorption coefficients
DAR, PI dielectric absorption and polarization coefficients
L length of the tested wire
TC time constant, TC = R_{iso} · C
T temperature of the tested wire



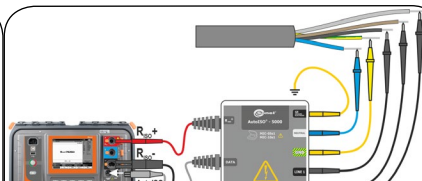
First steps



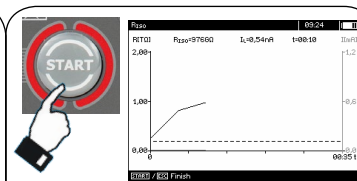
① Turn the meter on.



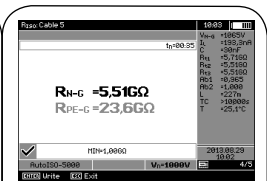
② Select a measurement function and configure it.



③ Connect the meter to the tested object.



④ Run the measurement. Observe the resistance and current as current readings or chart (F4).



⑤ Read out the result and save it to the memory.



