

How can I setup and run these tests as quickly and easily as possible?

Our medical device testing setup answers this question with a three point approach: all *inclusive instrumentation*, *automation* and *ease of use*.

1. Inclusive Instrumentation

OMNIA® II 8200 Series



8206 6-in-1 Tester

AC Hipot
DC Hipot
AC Ground Bond
DC Continuity

Insulation Resistance
Functional Run
Line Leakage



8207 7-in-1 Tester

AC Hipot
DC Hipot
AC Ground Bond
DC Continuity
Insulation Resistance

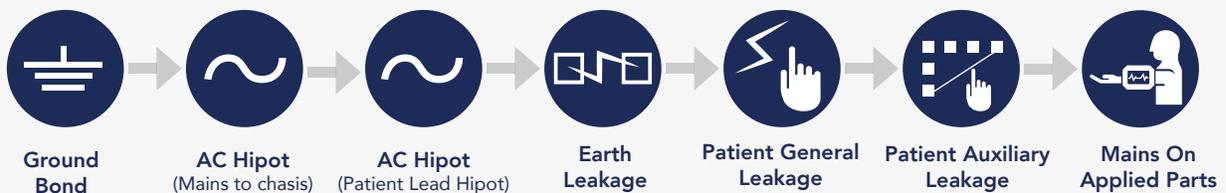
Functional Run
Line Leakage
500VA
0-277VAC Adjustable
Power supply

An all in one unit, doesn't just simplify the setup process, it also helps operators avoid the tedious task of performing calibrations and validations on multiple pieces of equipment. Providing a built in source allows you to run the DUT for a line leakage test without taking up extra rack space with an external supply.

2. Automation

Automating your test sequence with an all-inclusive instrument, combined with external multiplexors and software is the key to achieving both simple and efficient test sequences. We have seen this setup save as much as 11 minutes off medical device production line tests.

All tests one sequence



OMNIA® II + SC6540+ Autoware®



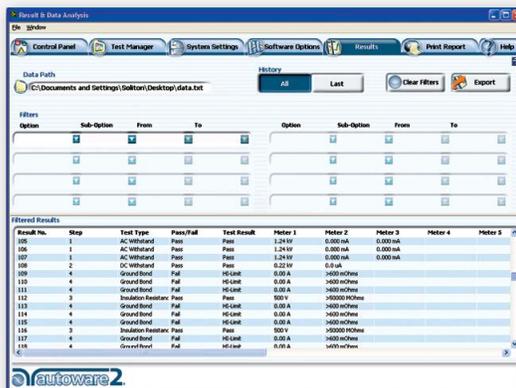
As part of our MedTEST system, we offer high voltage multiplexor. Having your OMNIA II connected to these multiplexors mitigates operator error by automatically switching connection points for each individual test. While the entire test sequence can be set manually through the front panel of the OMNIA II, utilizing software to remotely set and save test sequences is a more efficient method of creating the test sequence.

3. Ease of Use

Autware III is our out of the box software solution. It provides a graphical user interface for setting up and navigating test settings. It has a drag and drop interface that easily allows for customization of test routines. It can be used to set all test parameters, save the sequence for later use and record all test results.



The program also has the capability to associate a product's model and serial number with a particular test sequence. When the model and/or serial number is entered by the operator, the proper test sequence automatically loads. Also, text, audio and video instruction prompts can be added to each step of the test sequence. This allows detailed instructions to be added to each test. This negates user error in running an incorrect test sequence.



Visit us online to learn how MedTEST can simplify your testing ►