The AT5600 Transformer Tester delivers accuracy, speed and reliability without compromise.

Building on Voltech's 30 years of experience in the field of transformer testing, the AT5600 is an evolution of, and fully compatible with, our AT3600, the industry's most deployed magnetics component tester.

Customers already familiar with the AT3600 and ATi will see immediate benefits, as the AT5600 delivers twice the test speed of the AT3600, without compromising accuracy. And we've designed it to provide an easy upgrade path, with no change in fixturing and common test programs across platforms.

DECREASE TEST TIME - INCREASE PROFITABILITY

In today's competitive market, the time to 100% test your output has a direct effect on the cost of manufacture, and hence end sell price.

Customers who have already deployed the AT3600 over traditional semi-manual test strategies have already seen the benefit that a one-test-station solution can provide.

From our years of experience in the market, we've improved our measurement techniques even further.

To demonstrate the benefit of upgrading to the AT5600, we've taken some typical customer test programs, and compared the execution speed with the AT3600. (click the Type Names for a web page detailing the testing)

Transformer Type (click for webpage)	# Wind-ings Tested	Typical Test Program	# Test In Program	Hi Pot duration (sec)	AT3600 Test Time (sec)	AT5600 Test Time (sec)	AT5600 % speed increase	AT5600 % speed increase (without Hipot)
SMPS	4	R x 4 , TR x 4, LS, LSBX, LL, HPAC	12	1.1	8.51	**4.01**	212 %	255 %
Mains Toroid	4	R x 4, VOC x 4 , MAGI, IR, HPAC	10	1.1	8.87	**4.02**	221 %	267 %
Pulse	2	R x 2, LS, TR, C, LL , HPAC	7	1.1	3.68	**1.77**	208 %	385 %
Power Inductor	1	R, LS, LSBX	3	0	4.40	**2.16**	204 %	204 %
Power Over Ethernet	4	R x 4, LS, LL, TR x 2, HPAC	10	1.1	4.19	**1.98**	212 %	351 %
Audio	3	R x 4, TR x 2 , RLOS, ILOS, FREQ, LBAL x 3, HPAC	13	1.1	10.81	**4.18**	259 %	315 %

WHAT ELSE IS NEW?

The increased processing speed and new architecture of the AT5600 has also allowed us to implement the following free features to all users. These are not available on the legacy AT3600 or ATi testers.

USB BARCODE READER

The USB ports on the AT5600 allows integration with HID barcode readers, to input batch and serial # data. Also supports HID USB keyboards as well as a USB printer for hard copy of results.
**See WEBPAGE**

COMPENSATION STORAGE

Automatic storage and recall of your last open and short compensation factors. Ideal for customers testing regular small batches.   **See WEBPAGE**
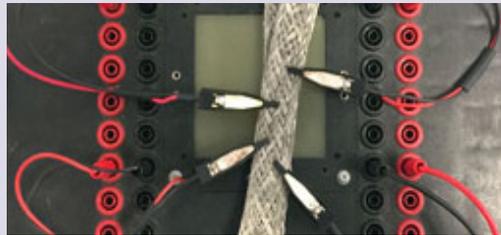
PRE-TEST KELVIN CHECK

A pretest option that checks source and measure are connected before your actual program is run. Ideal for keeping accidental false failures due to misconnection to a minimum, and stops these false fails getting into your test records.   **WEBPAGE**
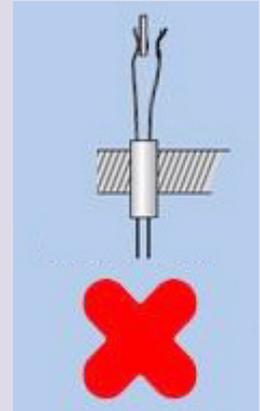
AUDIT TEST

Allows a set of additional set of tests to be run periodically and automatically. For example, test LS at extra frequency points every 10 test runs.   **See WEBPAGE**

☐ AQL No. of Parts
☐ AQL % of Parts
Run audit tests every: 10 part(s) tested
Fixture ID

DIAGNOSTIC TEST

Define an additional set of tests to be run in the event of any test failure. Collect extra data for quality investigation.
See WEBPAGE

General Tests ╲ Audit Tests ╲ Diagnostic Tests ╲
1.   High Potential DC
       Test Voltage: 1.0000 kV
       Ramp Up Time: 1.0000 s
       Dwell Time: 1.0000 s
       User Offset: 0.0000 A
       Terminals:
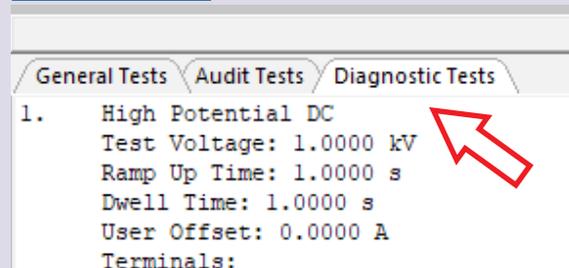
ALSO.....

Regular free firmware updates as we improve and refine our test offering from customer feedback.

New AT TESTS to demo trial as they become available from our improvement road map.

1 year warranty on all new units.
Free technical support when migrating from AT3600 to AT5600