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## The transformer tester AT 3600 :

The transformer tester AT 3600 is an automatic testsystem for all transformers, coils and inductive parts.

### The „AT 3600“ includes following hardware:

1. A high precision LCR-bridge with a basic accuracy of 0,05%  
Frequency range of the LCR-bridge: 20 Hz - 3 MHz (infinitely variable)
2. A high-precision multimeter 5 ½ -digit for AC
3. A high-precision multimeter 5 ½-digit for DC
4. A high voltage tester DC until 7 KV
5. A high voltage tester AC until 5,5 KV
6. A surge tester (tests until approx. 20KV possible with step-up-transformer)

### Connection possibilities of the AT 3600:

1. One connection for a bar-code-reader (loading of programs and serial numbers)
2. Serial interface for PC
3. Parallel interface for server
4. Connection for safety devices (3 possibilities)
5. Printer connection for all Epson-compatible printer
6. „Remote“-connection for including in automatical testing set-ups
7. „USER-Port“ : With this port you can work with up to 6 external relays. (Also during running tests, e.g. switch-on a load)

### Programming of the AT 3600:

An intuitive “Windows-surface” makes a very simple programming possible. Everybody is able to issue any program within a few minutes and begin testing immediately. The saving of the datas can be made as well on the PC as on the AT 3600 directly, if using the unit as a stand-alone unit is required.

### The testing possibilities of the AT 3600:

#### **In the meantime more than 45 (!) different test are available!**

E.g. leakage inductance, magnetising current, isolation test, impedance, quality factor, wattage, turns ratio, HI-Pot AC up to 5,5 KV, HI-Pot DC up to 7 KV, insertion loss, winding resistance as well as phase angle, and many more.

**More than 10 tests per second will revolutionize your testing times!**

# Your advantage:

- *More than 45 tests available for the „AT 3600“*
- *All tests on/with one unit and one software*
- *More than 10 tests per second– Good-Bad-evaluation*
- *All tests can be added later within minutes*
- *Basic accuracy of the AT 3600 of 0,05 %*
- *Measuring frequency of the 20-channel-LCR-bridge of 20 Hz – 3 MHz*
- *Included HV-generators with DC-HV 7 KV and AC-HV 5,5 KV*
- *The AT 3600 includes the complete hardware for all tests*
- *Highly efficient data capture and evaluation of all parameters*
- *No more adapting-time in your testing department*
- *Using of the „AT 3600“ on the server as well as a stand-alone unit*
- *Using and adapting of the unit through semiskilled staff*
- *Components with up to 20 poles (option. 40) can be tested directly*
- *Intuitive Windows programming – to be learned within minutes!*
- *Complete using with keyboard, PC or with server*
- *More than 100 different programs can be saved for the Stand-alone use in the AT 3000*
- *Alle jemals notwendigen Schnittstellen sind im „AT 3600“ enthalten*
- *Working in the unit are unnecessary – All modifications on the unit will be carried out per software*
- *A big range of accessories and different adapter available*
- *Direct inclusion in automatical testing-/handling systems is possible*
- *Direct print of test reports with the „AT 3600“ possible*
- *The „User Port“ facilitates working with up to 6 external relays*
- *The surge tester tests your inductive parts of damages in isolation non-destructive*