



Test station for generator sensors

Product description

The system is used for fully automatic testing of 3-phase generator sensors.

Field of application

Quality control and End-of-Line test in the production/manufacturing area of generator sensors.



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Technical data

Test bench/device

- Testing device on aluminium tube substructure
- 2x test fixture
- Laser device for marking the test specimens
- Storage belt for n. i. O. Parts
- Pneumatics
- 2x control electronics (test device, test bay)

Software

- Soft PLC under WIN-AC
 - Cell control
- TST-WIN under Windows
 - Control of test sequences
 - Carrying out measurements/tests
 - Visualization of the switched test object functions and test results
- Automatic type change
- All settings and sequences menu-guided programmable
- Password-protected access levels
- Daily/monthly and worker statistics
- Data transfer to line computer for data traceability

Scope of testing

- Measurement of
 - Current consumption, resolution 0.01 mA
 - Phase position, resolution 0.06°.
 - Duty cycle
 - Low/high voltage level
 - Resolution 1 mV

Input-/visualisation units

- Keyboard
- 2x Monitor

Test time

- Individual, depending on test scope

Exemplary device type

- 114 1520