



Test bench for wiper motors

Product description

The test bench is used for fully automatic testing of bus-coded wiper motors. Loading and unloading of the test bench is done manually. By a change adaption a fast specimen change is guaranteed

Field of application

Research & development, quality control and End-of-Line test in the production/manufacturing area.



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Technical data

Test bench/device

- Test cell with safety door on aluminium profile substructure
- Change adaptations with pneumatic/electrical interface
- Camera for EAN and data matrix code evaluation

Software

- TST-WIN under Windows
 - Process control
 - Carrying out the measurements
 - Provision and visualization of test results
 - Variant editor
 - Automatic type change
 - All settings and processes menu-driven and freely programmable
- Extensive evaluation and statistical possibilities, data export
- Database server for process data evaluation

Scope of testing

- Torque up to 25 Nm, reversing
- Speed up to 300 1/min
- Test specimens up to 30 V/80 A
- Bus communication CAN/LIN/K-Line
- Barcode evaluation EAN and Datamatrix via camera
- Angular accuracy 0.1°.
- Servo-electric active brake
- Digital P-I-D torque control
- Rotary and pendulum wiper testing with active torque reversal control

Input-/visualisation units

- Keyboard
- Monitor
- Control box
- Labelprinter

Test time

- Approx. 19 s

Exemplary device type

- 061 1926