



## Test station for ultrasonic sensors

### Product description

The test station is used for programming and testing ultrasonic sensors. Five microphones and two loudspeakers are used in the test cell. The operator starts the process by manually loading the test stand. A quick test specimen change is guaranteed by a change adaption.

### Field of application

Laboratory, research & development, quality control and end-of-line test in the production/ manufacturing area.



## Test station for ultrasonic sensors

### Technical data

#### Test bench/device

- Test device
  - Test chamber with five microphones and two loudspeakers
  - Drawer with interchangeable adaptor, pneumatically locked
- Measuring, testing and supply technology in 19" rack

#### Software

- TST-WIN under Windows
  - Process control
  - On-line visualization of the measuring process
  - Variant editor
  - Automatic type change
  - All settings and processes menu-driven and freely programmable
  - Extensive possibilities for controlling the process and the measurements
  - Various evaluation and statistical possibilities, data export
- Database server for process data evaluation
- Integrated management for remote maintenance

#### Scope of testing

- Current consumption
- Transmission sound level (in the room)
- Reception sensitivity
- Transmission frequency
- Receive resonant frequency
- Decay behaviour
- Read out Adjustment parameters
- Sensor programming/adjustment

#### Input-/visualisation units

- Keyboard
- Monitor

#### Dimensions/Transport

- 1670x1900x750 mm (WxHxD)  
Weight approx. 660 kg

#### Test time

- Individual, depending on test scope

#### Exemplary device type

- 144 2645