



High performance ULTRASONIC-SENSOR adjustment station

# MANUAL DOUBLE LOADING TESTER



illustration similar

## SHORT DESCRIPTION

High speed, manual double load test- and adjustment station for ultrasonic sensors with quick part exchange. Optional with additional Marker-Laser.

We support most ULTRASONIC-SENSORS on the market.

Supports automatic switching between different sensor types during production, no matter what interface they use. Easily adaptable to different connector types.

Connection to your individual MES system available upon request.

## HIGHLIGHTS

- ▶ Ideal for production ramp-up or lower volumes
- ▶ Cycle time < 5 sec. (sensor specific)
- ▶ Electronic target simulation
- ▶ Sensor interfaces for I/O, LIN and DS13 available
- ▶ Adapts to custom housing and connector system
- ▶ Support for several different sensor connectors during production
- ▶ Automatic switching between different sensor interfaces
- ▶ Ready for connection to MES systems

## TECHNICAL DETAILS

- ▶ Operating range 30kHz – 80kHz
- ▶ Frequency measurement / adjustment
- ▶ Precise SPL adjustment 80dB to 110dB
- ▶ High sensitivity calibration with electronic target
- ▶ Ringing time measurement in us resolution
- ▶ NFD validation
- ▶ Power consumption in sleep/operation
- ▶ EEPROM programming & validation
- ▶ EMC Test
- ▶ Local statistic and logs to steer production

**2020: MORE THAN 1 BILLION ULTRASONIC SENSORS PRODUCED ON OUR EQUIPMENT**

