



High performance ULTRASONIC-TRANSDUCER TESTER

MANUAL LOADING TRANSDUCER TESTER



illustration similar

SHORT DESCRIPTION

High speed, manual double load TRANSDUCER tester station for transducer sub-assemblies.

Can classify and test your transducers before assembly with PCB and other expensive components. Reduce scrap cost and save adjustment time at EoLT. Optional with impedance measurement.

We support most ULTRASONIC-SENSORS on the market.

Connection to your individual MES system available upon request.

HIGHLIGHTS

- ▶ Ideal for production ramp-up or lower volumes
- ▶ Typical cycle time < 3 sec. (transducer & test specific)
- ▶ Classify your transducers before adjustment at end of line.
- ▶ Adapts to custom housing and connector system
- ▶ Optional with impedance measurement
- ▶ Optional with LIN interface to program impedance result to sensor EEPROM.
- ▶ Ready for connection to MES systems

TECHNICAL DETAILS

- ▶ Operating range 30kHz – 90kHz
- ▶ Transducer DRV voltage up to 100Vpp
- ▶ Measure SPL at target sensor operating frequency
- ▶ Measure SPL & frequency at transducer mechanical resonance frequency
- ▶ Measure piezo capacity
- ▶ Option measure impedance with assembled electronic (PCB)
- ▶ Optional LIN interface to store impedance result to sensor EEPROM
- ▶ Local statistic and logs to steer production

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

