



## Bumper test system | Maxi with assembly & test table

### Product description

The assembly & test table is used for final assembly and End-of-Line testing of automotive bumpers. The bumper is manually inserted into the fixture, finally assembled and connected to the test equipment via a contacting adapter.

After the transfer of the construction order through the customer's production flow system the test starts. For this purpose, the function of the ultrasonic sensors installed is tested according to the manufacturer's specifications. The resulting test results are then reported back to the customer's production flow system and documented.

### Field of application

Final assembly, quality control, End-of-Line test in the production/manufacturing area



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### Technical data

<h4>Test bench/device</h4> <ul style="list-style-type: none"> <li>• Assembly &amp; test table                     <ul style="list-style-type: none"> <li>- Precisely positioned bumper fixture including counter-support for assembly</li> </ul> </li> <li>• Measuring, testing, control and supply technology in maxi version (switch cabinet)</li> </ul>	
<h4>Software</h4> <ul style="list-style-type: none"> <li>• TST-WIN test system                     <ul style="list-style-type: none"> <li>- All settings and processes menu-driven and freely programmable</li> <li>- Extensive possibilities for controlling the sequence and the measurements</li> <li>- Visualization of test results by means of a table of measured values and additional graphic display</li> </ul> </li> <li>• Module „Remote maintenance" enables remote access by ITronic service personnel</li> <li>• Module „MES" enables variant-dependent testing by a higher-level system.</li> <li>• Module „ITDB", incl. viTronic, enables evaluation and statistical processing of measurement data</li> </ul>	
<h4>Scope of testing</h4> <ul style="list-style-type: none"> <li>• Electronic testing (according to manufacturer's specifications)                     <ul style="list-style-type: none"> <li>- Ultrasonic parking aid sensors including distance measurement</li> </ul> </li> </ul>	
<h4>Input-/visualisation units</h4> <ul style="list-style-type: none"> <li>• Keyboard</li> <li>• Monitor</li> <li>• Barcodescanner (manually)</li> <li>• Control box</li> <li>• Label printer</li> </ul>	<h4>Dimensions/Transport</h4> <ul style="list-style-type: none"> <li>• 2500x2200x900 mm (WxHxD) Weight approx. 290 kg</li> </ul>
<h4>Test time</h4> <ul style="list-style-type: none"> <li>• Approx. 15 s</li> </ul>	<h4>Exemplary device type</h4> <ul style="list-style-type: none"> <li>• 105 4257</li> </ul>