



## Bumper test system | Mini-PDC

### Product description

The device is used for electronic testing of Valeo ultrasonic sensors used in automotive bumpers.

The measurement technology provides eight freely configurable measurement channels in a compact housing, allowing the device to be used for a wide range of applications.

The mini-PDC 4.0 is backward compatible and supports Valeo Generation 5, Generation 4 and Generation 3, and can be upgraded to Generation 6 on request.

### Field of application

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



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### Technical data

Test bench/device	
<ul style="list-style-type: none"> <li>• Compact 19"/3 HU housing                             <ul style="list-style-type: none"> <li>- integrated modular measurement, test and supply technology</li> <li>- different interfaces for the communication of specimens and communication to a superordinate system possible</li> </ul> </li> </ul>	
Software	
<ul style="list-style-type: none"> <li>• Process control via microcontroller</li> <li>• All settings and processes menu-driven and freely programmable</li> <li>• Password-protected access levels</li> </ul>	
Scope of testing	
<ul style="list-style-type: none"> <li>• Eight measuring channels available</li> <li>• Measuring of current consumption from 0 to 200 mA per channel</li> <li>• Measurement of the decay time</li> <li>• Functional test</li> <li>• Communication check</li> <li>• Cable harness testing</li> <li>• Variant differentiation</li> </ul>	
Input-/visualisation units	Dimensions/Transport
<ul style="list-style-type: none"> <li>• LCD-touchdisplay, built-in (optional)</li> <li>• Keyboard</li> <li>• Monitor</li> <li>• Barcodescanner (manually)</li> <li>• Control box</li> <li>• Label printer</li> <li>• Laser printer</li> </ul>	<ul style="list-style-type: none"> <li>• 480 x 130 x 410 mm (WxHxD) Weight: approx. 8 kg</li> </ul>
Test time	Exemplary device type
<ul style="list-style-type: none"> <li>• Individual, depending on test scope</li> </ul>	<ul style="list-style-type: none"> <li>• 105 6737</li> </ul>