



Bumper test technology | MidiAdvanced with basic test device

Product description

The test station is used for end-of-line testing of completely assembled car bumpers.

The bumper is manually inserted into the device and connected to the test equipment via contacting adapters

Field of application

Quality control and End-of-line testing in the area of manufacturing/production



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Technical data

Test bench/device	
<ul style="list-style-type: none"> Test station <ul style="list-style-type: none"> individually extendable test station made of aluminium profiles bumper mounting in exact position Measuring and testing technology in MidiAdvanced test rack (integrated in the substructure) 	
Software	
<ul style="list-style-type: none"> TST-WIN test system <ul style="list-style-type: none"> All settings and processes are menu-driven and freely programmable Extensive possibilities for controlling the sequence and the measurements Visualization of test results by means of a table of measured values and additional graphic display Module „Remote maintenance“ enables remote access by ITronic service personnel Module „MES“ enables variant-dependent testing by a higher-level system Module „ITDB“, incl. VITronic, enables evaluation and statistical processing of measurement data 	
Scope of testing	
<ul style="list-style-type: none"> Ultrasonic sensors, electronic testing (according to manufacturer's specifications): <ul style="list-style-type: none"> Decay time Power consumption Obstacle test Radar sensors <ul style="list-style-type: none"> Communication reading HW/SW status/serial number, bus systems: CAN, CAN-FD, FlexRay Pedestrian protection sensors <ul style="list-style-type: none"> P-SAT, G-Sat, HW/SW-state/read out serial number, bus systems: PSi5 HFA and Kessy sensors <ul style="list-style-type: none"> Self test, read HW/SW status/serial number, bus systems: LIN Front view cameras, rear view cameras, TVC, NVC cameras <ul style="list-style-type: none"> Function, live image, image control, bus systems: LVDS, analogue Cable set test 	
Input-/visualisation units	Dimensions/Transport
<ul style="list-style-type: none"> Monitor Keyboard Handheld scanner Button box Label printer 	<ul style="list-style-type: none"> Approx. 2350x2260x1210 mm (WxHxD) Weight approx. 250 kg
Test time	Exemplary device type
<ul style="list-style-type: none"> 30 s 	<ul style="list-style-type: none"> 105 3313