



Test station for electrically operated water heaters in vehicles

Product description

The double station carries out a safety test and then a functional test of water heaters. Thanks to the built-in robot, the cycle time can be optimized and the test parts can be guided through the tests in the best possible way.

Field of application

Quality control, end-of-line testing in production/manufacturing



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Technical data

Test bench/device	
<ul style="list-style-type: none"> Two handling robots to cover 2x2 test positions Contact station for automatic type conversion of variants Four contact adapters Measurement technology in the control cabinet 	
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 options for controlling the process and the measurements Visualization of the test results using a table of measured values and an additional graphic display The "ITDB" module, including viTronic, enables the evaluation and statistical processing of measurement data 	
Scope of testing	
<ul style="list-style-type: none"> High Voltage Insulation Test Checking the protective conductors Leakage current measurement Control of internal sensors Performance test Programming of production data (e.g. serial number) 	
Input-/visualisation units	Dimensions/Transport
<ul style="list-style-type: none"> Touchscreen 	<ul style="list-style-type: none"> 1240x2100x860 mm (WxHxD) Weight approx. 400 kg
Test time	Exemplary device type
<ul style="list-style-type: none"> ca. 30 sec 	<ul style="list-style-type: none"> 114 7798