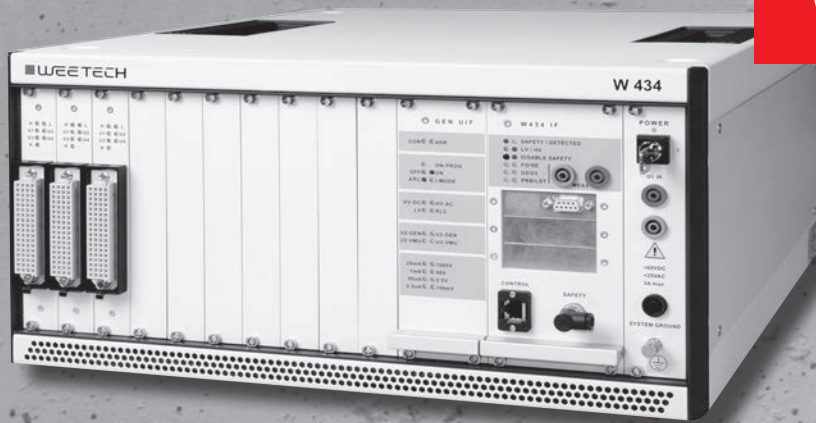


The Future-Proofed Tester
that Grows with Your Tasks

W 434



Automotive

Railway/Transportation

Aerospace/Avionics

Electrical and
Mechanical Engineering

 **WEETECH**

The portable **W 434** can be optimal adapted to applications in the automotive, electronics and medical industry by different combinations of low voltage and/or high voltage generators up to 1,500 Vdc/1,060 Vac and a RLC measurement bridge. In case of changing test specification only a software update is needed.

■ Testing and Measuring Performance

Continuity Test	<ul style="list-style-type: none"> · Lower bound 1 Ohm · Four Terminal Measurement down to 10 mOhms · Programmable current sources up to 1 A/max 30 W 												
Insulation, Hi-Pot, DC and AC ARC Test	<p>Version with HV DC/AC</p> <ul style="list-style-type: none"> · Upper limit typically 10 GOhms, up to 500 MOhms · 1,500 Vdc/1,060 Vac programmable · ARC detection with unique voltage and slew rate recognition 												
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Insulation Test	<p>Version with LV</p> <ul style="list-style-type: none"> · Up to 100 MOhms · 48 Vdc programmable · Programmable current sources up to 1 A/max 30 W 												
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Typical values, valid at the front panel of the tester without adaptation at 25° C and a relative humidity less than 60%

■ Functional Test

- Supply of the UUT with programmable voltages up to 60 Vdc/25 Vac
- Emulation of the switching processes
- Voltage measurement 0 to (\pm) 500 V, frequency DC to 1 kHz
- Reproduction of the functional environment, e.g. by electronic loads, frequencies etc.
- Functional test of push buttons and switches
- Import of characteristic curves of external devices and display/interpretation by software

Software · CEETIS smart or CEETIS as option for functional test

■ Switching Matrix

Modules for Wiring Test · Versions for voltages up to 1,000 Vdc and up to 1,500 Vdc/1,060 Vac
· Various output connectors available

Modules for Functional Test · Power modules for voltages up to 60 Vdc/25 Vac, current up to 3 A
· Separate high-current module for current up to 25 A, voltages up to 25 Vdc/25 Vac

■ Safety

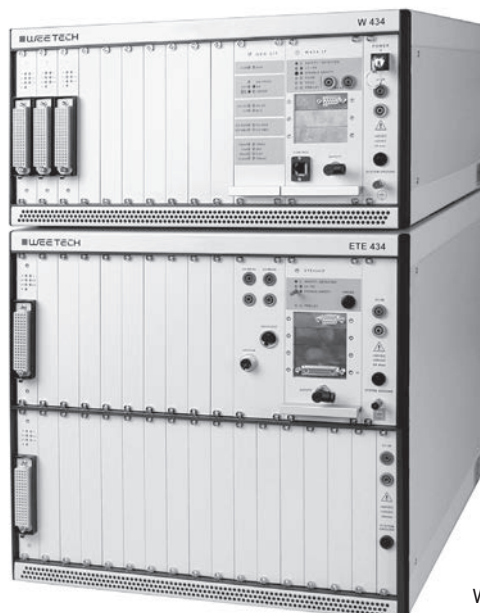
- Non-hazardous output voltage of the high voltage generators due to certified current limitation to 1,95 mAdc, 3 mArms (according to EN 50191 max. 12 mAdc, 3 mArms)

■ Further Details

Interfaces · Ethernet interface for control computer
· Remote Control interface (optional) to trigger external devices, e.g. feeders and fixtures
· Software-controlled integration of external devices via LAN, IEEE 488/GPIB, RS 232, CAN-Bus, K-Line
· Integration into customer specific ERP-Systems
· Remote control with handheld-PC (W-LAN) or via LAN
· Integrated, fixed voltage sources up to 3 A/up to 28 Vdc or external supplies

Dimensions · Portable 19 inch enclosure
· W 434-2: 5 U with max. 640 test points, W x D x H (mm): 450 x 550 x 235
· W 434-3: 9 U with max. 1,664 test points, W x D x H (mm): 450 x 550 x 410
· ETE 434: 9 U with max. 1,664 test points, W x D x H (mm): 450 x 550 x 410
· The number of test points of model 3 can be expanded up to 6,656 with max 3 pcs. expansion unit ETE 434

Power Supply · 100 to 230 Vac/50 to 60 Hz, max. 800 VA



W 434-2 with ETE 434

W 434