



HV Test System

with fully integrated testing technology



space-saving



modular



flexible



Test HV cable harnesses –
compact and just as you need it

Up to
2.565
test points

LV tests up to
**25 VDC /
25 mA**

HV tests DC
up to
6000 V

HV tests AC
up to
5000 V

HV Test System

Test table with integrated NT 700-13

Features

- Optimal basis for testing HV cable harnesses for e-mobility in accordance with the LV123 standard
- Modular and easy to expand - all components are integrated in a clear and maintenance-friendly manner
- Fully integrated measurement technology
- Mixed matrix system enables optional configuration of up to four voltage levels in one subrack
- Proven adaptronic adapter technology
- HV adapter specially developed for e-mobility
- Open for connection to customer-specific MES
- Simple operation with NT Control software

Optional test functionalities

- Activation and test of electromechanical functions
- Color sensors for checking LED or connector colors
- Presence tests of seals, clips, cable ducts, tapings...
- Checking the tight and correct fit of seals or latching components
- Camera systems for checking the plausibility of components
- Length measurement of connector pins
- Leak tests and leak rate measurements
- Testing with vision sensors

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Specify your requirements - we will offer you a solution

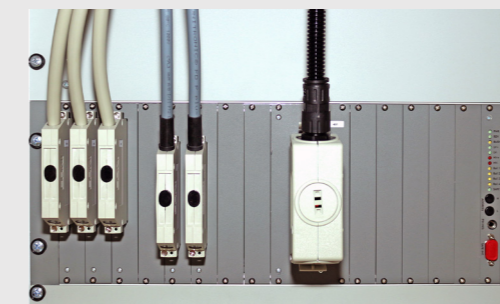


Contact the test specialist now!

Technical data of integrated tester NT 700-13

Test points	max. 2565
Test point card types	RM5000 series
Low voltage test DC	
Test voltage / test current	max. 25 V / max. 25 mA (optional 250 VDC)
Low voltage tests	<ul style="list-style-type: none"> – continuity test – short circuit test – component test: resistors, capacitors, diodes, Zener-diodes, LEDs, supressor diodes
Insulation test DC	
Test voltage / test current	40 – 1000 V / 2 A
Dielectric strength test AC/DC	
Test voltage / test current AC	50 – 5000 V / max. 30 mA
Test voltage / test current DC	50 – 6000 V / max. 12 mA
General	
Power supply	230 VAC / 50 Hz oder 110 VAC / 60 Hz
Software	NT Control
Options	<ul style="list-style-type: none"> – additional measurement generators – four-wire measurement from 100 $\mu\Omega$ – insulation test up to 10 GΩ – function test editor ...
Special features	<ul style="list-style-type: none"> – integrated in the test table – mixed matrix operation (different voltage levels / test point card types in one subrack)

Test point card series RM5000



Test point card	Test points	Max. test voltage
RM5010	64	1060 VAC / 1500 VDC
RM5020	32	2000 VAC / 2830 VDC
RM5030	32	3300 VAC / 4670 VDC
RM5050	8	5000 VAC / 6000 VDC

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