



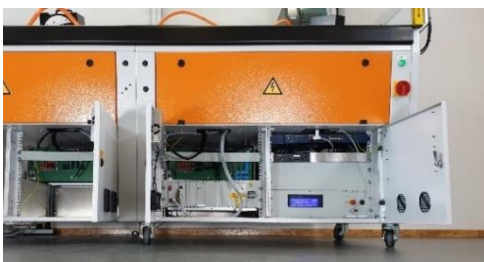
HV test table system with fully integrated test technology

Maximum compactness and modularity due to NT 700 high-voltage test system and test point cards of the new RM5000 series

- Test voltages up to 5000 VAC / 6000 VDC
- Continuity test, short circuit test, component test
- Insulation test
- Dielectric strength test AC/DC
- Contact-safe and voltage-resistant adapter technology
- Easy programming and operation
- Modular and expandable; all components are clearly arranged and integrated for easy maintenance.

TESTING

HV Test Table System



High voltage test system NT 700-13

The NT 700-13 test system consists of a modular and compact open-frame design specifically developed for installation in adaptronic test tables. The equipment offers an optimal basis for the testing of HV cable harnesses of e-mobility according to test standard LV123:

- NT 700 control unit "Mainboard"
 - One basic subrack for the use of test point cards of the new RM5000 series
 - Mixed matrix operation allows optional configuration of up to four voltage classes in one subrack.
 - Card types and voltage classes see following page.
- Active ventilation unit with 4 radial fans for defined temperature control
- High voltage measurement electronics MT1500DC
- High voltage measurement generator C19052 for dielectric strength tests up to 5000 VAC and 6000 VDC

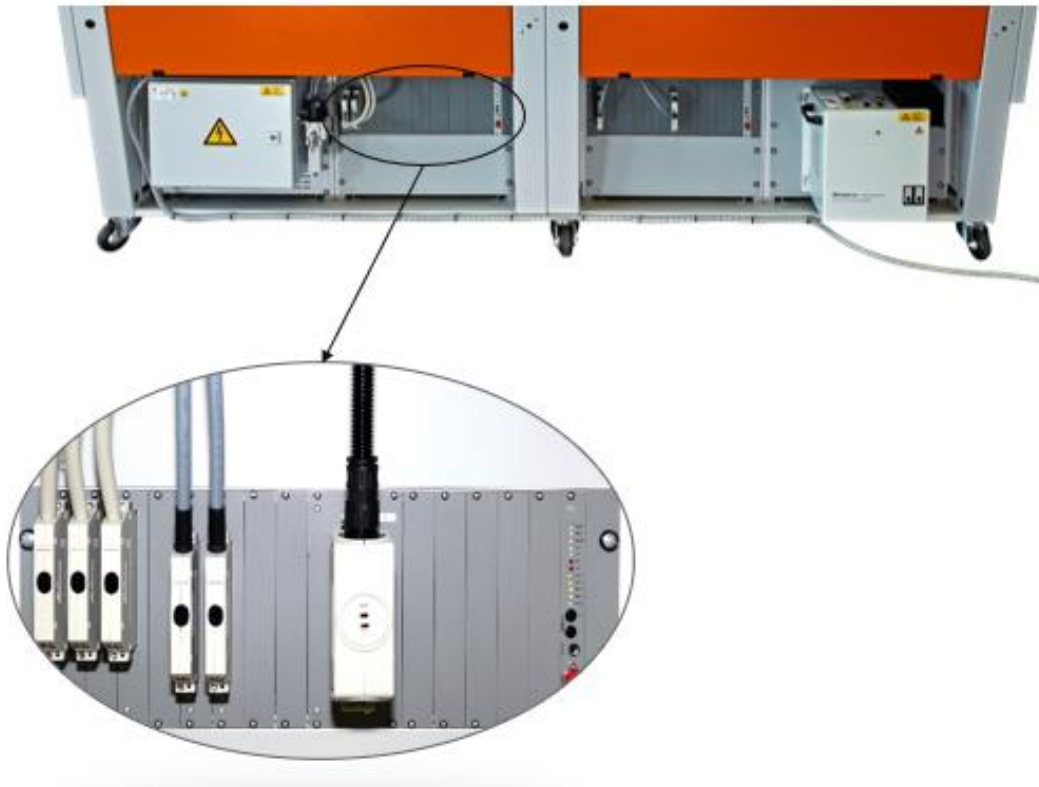
Additionally, the NT 700-13 also offers the usual wide range of functions and expansion options of the adaptronic NT test systems:

- Easy operation with NT Control software under Windows
- User-friendly test program editors
- Detailed display options and tools for fault localization in the UUT
- Individual reporting of results in file, on printer or database connection
- Open for connection to customer-specific MES (Manufacturing Execution Systems)
- Options:
 - Low voltage tests up to 250 VDC
 - Wide range of additional measurement generators (AC/DC)
 - LCR measuring bridges
 - Four-wire measurement from 100 μOhm
 - Insulation tests up to 10 GOhm
 - Function test editor
 - Standardized software interface OPC-UA
 - Remote maintenance

On our homepage you will find more information about our wide range of test tables and adapters.

HV Test Table System

Test point cards of the RM5000 series



The RM5000 modular system contains four card types for four voltage classes. These can be used and operated in one or more test point subracks as required (mixed matrix operation).

Test point card	Test points	Max. test voltages	Four-wire measurement possible?
RM5010	64	1060 VAC / 1500 VDC	No
RM5020	32	2000 VAC / 2830 VDC	Yes
RM5030	32	3300 VAC / 4670 VDC	Yes
RM5050	8	5000 VAC / 6000 VDC	Yes

The test system with RM5000 test point cards is configured optimally for you taking into account the following factors:

