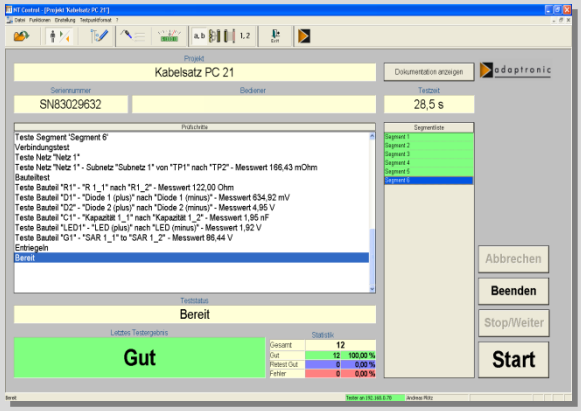
adaptronic

Modular Wiring Tester

NT 700



Image: NT 700 with options



NT 700 – high flexible – elaborate expandable

- Easy operation via PC with control software NT Control
- Elaborate result report into file, to printer or database connection*
- Many display possibilities and tools for fault localization inside the UUT

- Continuity test, short circuit test and component test up to 25 VDC
  Optional:
  - Low voltage tests up to 250 VDC
  - Dielectric strength test up to 6000 VDC / 5000 VAC
  - Insulation test up to 6000 VDC
  - High current test up to 2 ADC
  - Protective earth conductor test up to 25 AAC
- Remote Maintenance

Universal, modular, powerful

The NT 700 offers the most manifold expansion possibilities:

- Test point expansion up to 32768 test points, depending on the housing / cabinet size
- Large supply of additional measurement generators (DC / AC)
- LCR measurement bridges
- Kelvin measurement from 100 µOhm
- Insulation test up to 10 GOhm
- Test table support

Ensuring of your product quality by high system availability

The high reliability of the adaptronic test systems, our quick response service and more than 30 years of experience make a convincing contribution to the quality assurance of your products.

* optional

NT 700 Applications



NT 700

- 384 test points
- 6000 VDC / 5000 VAC
- 25 RU cabinet
- Application specific test point interface (TPI) Harting HAN 72DD
- Remote maintenance



NT 700 for mobile operation

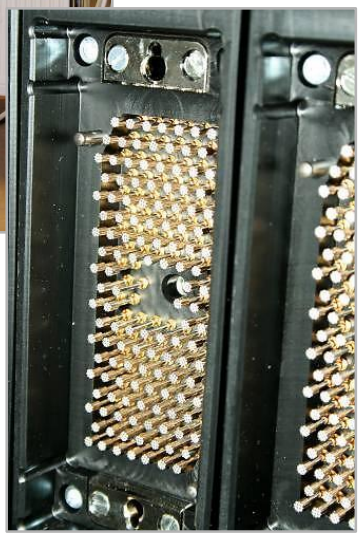
Perfect for mobile operation at every location at that the tester has to be carried to the UUT.

- NT 700 base variant with 7 RU
- Solid mobile case with cover
- Storage compartment for notebook
- max. 1024 test points (MPX) or 512 test points (SP)
- Fixed voltage stimulus source
- Application specific interfaces on request (Image: interface Modular 10 with max. 500 test points)



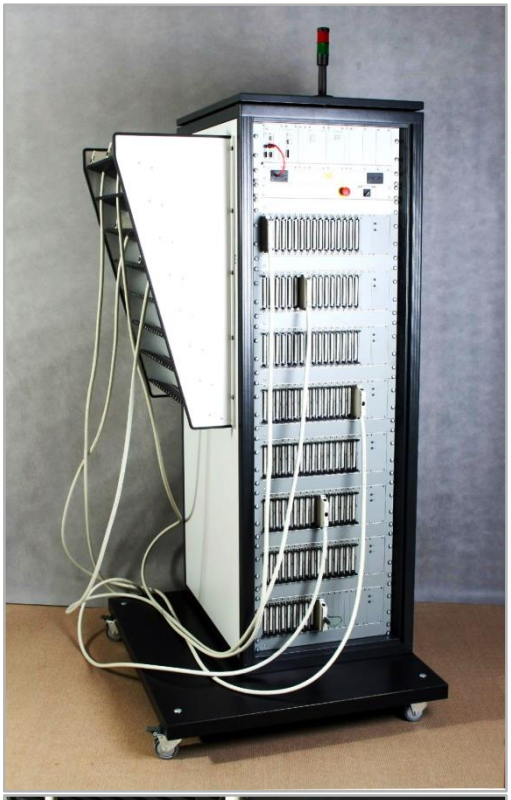






NT 700 in cabinet 38 RU

- 6144 test points, 1500 VDC, 1050 VAC
- Kelvin measurement from 1 mOhm
- Application specific test point interface (TPI) with spring-loaded contact pins, effigy of ELCO VARICON 128-way
- PC integrated in the cabinet, operating elements on a separate workplace
- Test data interpreter for test programs of third-party manufacturers





NT 700 in cabinet 38 RU on mobile base plate and with adapter cable support

- 7744 test points, 1500 VDC, 2 A
- Mobile cabinet with support for the durably contacted adapter cables
- Adapter cable storage bays
- Set of adapter cables
- Special pin probe interface for single connection tests at cables with one-sided open ends
- adaptronic standard test point interfaces, DIN 41612
- Import of connection lists (UNICAD)
- Remote maintenance

NT 700

Test program generation and testing with NT Control:

With the user friendly software NT Control it is comfortable to generate, edit and to manage test programs as well, as to carry out tests.

The data transfer between a PC with NT Control and a NT 700 takes place via network. NT Control is necessary for the operation of the NT 700 and part of the delivery. NT Control can be run on a PC with Microsoft Windows® 7 Pro up to Windows® 10 Pro (country variant German or English).

Function test (optional)	
	The NT 700 can be expanded, so that the test of relays, time relays, function procedures etc. can be carried out automatically. Therefore stimulus cards and stimulus sources are available beside powerful software tools and editors in NT Control.
General	
Power supply	100 – 240 VAC (50 – 60 Hz)
Interfaces	Extern interface with 3 opto-coupled inputs and 3 potential-free outputs (expandable) Serial interfaces RS232 / USB 2.0 Network Pin number probe
Dimensions	Depending on the used cabinet size
Scope of delivery	NT 700, main cable, pin number probe, USB flash drive with NT Control and documentation in PDF format, mating connector and service connector for safety loop

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* PC not included in the standard scope of delivery.

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