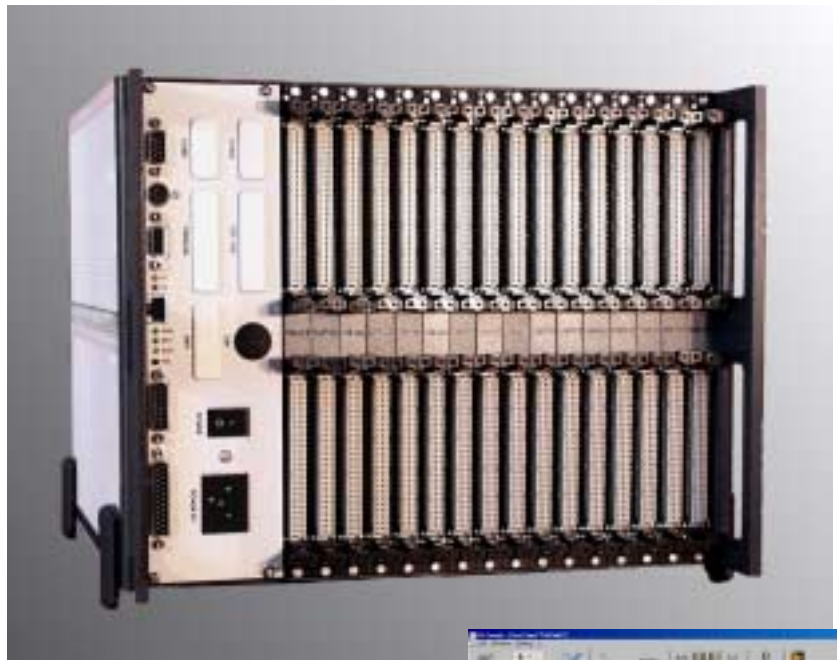
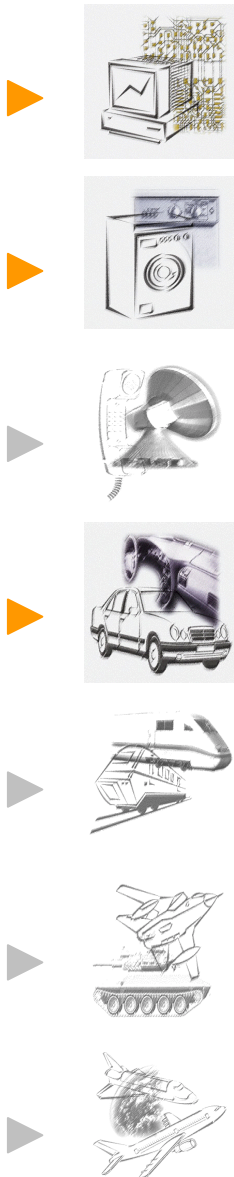


Wiring Test System NT 312, NT 315

- Control and Visualization of the Test Flow via NT Control
- Low Voltage Test DC
- Component Test
- NT 315 Open Frame for Test Table Applications



Please find technical data overleaf.

Technical Data NT 312, NT 315

1. Testbox

Test points

- Max. 2048 in steps of 128

Test point interface

2 x 64-pin, DIN 41612, female multi-point connector, ac configuration

Low voltage test

- Test voltage: 1 - 10 VDC in steps of 1 V
- Test current: max. 5 mA
- Threshold for Continuity test: 10 Ω - 1 k Ω , \pm 10 %, min. 5
- Threshold for Insulation test: 20 k Ω - 500 k Ω , \pm 10 %

Component test

- Resistances: 10 Ω - 500 k Ω , \pm 10 %, min. 5 Ω
- Capacitances: 10 nF - 20 mF, \pm 10 %
- Diodes: Forward voltage: < 1.0 V
Reverse voltage: max. 10 V
- Zener diodes: Forward voltage: < 3.0 V
Zener voltage: max. 8 V
- LEDs: Forward voltage: < 4.0 V
Reverse voltage: max. 10 V

Interfaces

- External Interface
- Serial interface for control by the front-end PC
- Interface for safety interlock and red-green signal lamp
- Ethernet 10BaseT (Option)

Environmental conditions

- Temperature range: Operation + 10° C to + 40° C
Storage + 10° C to + 60° C
- Rel. humidity: Operation: 30 % - 70 %, non-condens.

Power supply

90 - 240 VAC, 50 - 60 Hz, auto-ranging

Dimensions

NT 312:	345 x 270 x 345 mm (W x H x D)
NT 315-512:	185 x 265 x 310 mm (W x H x D)
NT 315-1024:	245 x 265 x 310 mm (W x H x D)
NT 315-2048:	365 x 265 x 310 mm (W x H x D)

2. NT Control and PC system

Operating environment

- Front-end PC System with NT Control software
- User interface clearly laid out
- Extensive graphic fault display

Programming

- Self learning from known-good sample
- Manual programming under NT Control
- CAD download (option)
- Backward compatible with existing adaptronic test programs in ATX-format

Diagnosis

- for measurement cards
- for test electronics

Printing

- Detailed printouts of test results on all Windows® supported printers
- Label printing, report printing

Recommended PC system

- Pentium 400 or higher
- 64 MB RAM
- CD-ROM drive
- Monitor 17", optional touch screen
- Keyboard, mouse (for programming mode)
- 2 serial interfaces
- Windows® 9x/2000/NT
- Network interface 10BaseT (for ethernet option)

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Quality Management System
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