



Patented

VTS Vacuum Test System
for unshielded cable harnesses or busbars



flexible to use



efficient



easy



Test of unshielded cable harnesses
and busbars – easy and reliable

100%
LV123
standard-compliant

HV tests up to
6000 VDC

Only with **VTS**
reliable test of
unshielded wires

VTS Vacuum Test System for industrial production

The most important facts

- Dielectric strength tests in a vacuum
- **Safe** – No need to use liquid or gaseous media
- **Flexible** – No need for complex and expensive adapter contours - best process for complex and 3-dimensional cable harnesses, even with attachments such as clips, tapes, cable ducts, etc. - EOL-capable
- **Easy** – compliance with LV123 standard
- Integrated adaptronic NT tester
- Complete range of tests such as continuity test, short-circuit test... can be covered
- Reliable, practice-proven method for use in industrial production environments
- Patented test method

Options

- Volume reduction modules – depending on the UUT topology, the chamber volume can be adjusted to minimize the cycle time
- Mounting for monitor and keyboard
- Status lamp
- Work place illumination
- MES access, e.g. via OPC UA



Integrated NT 700-11: CPU and HV generator



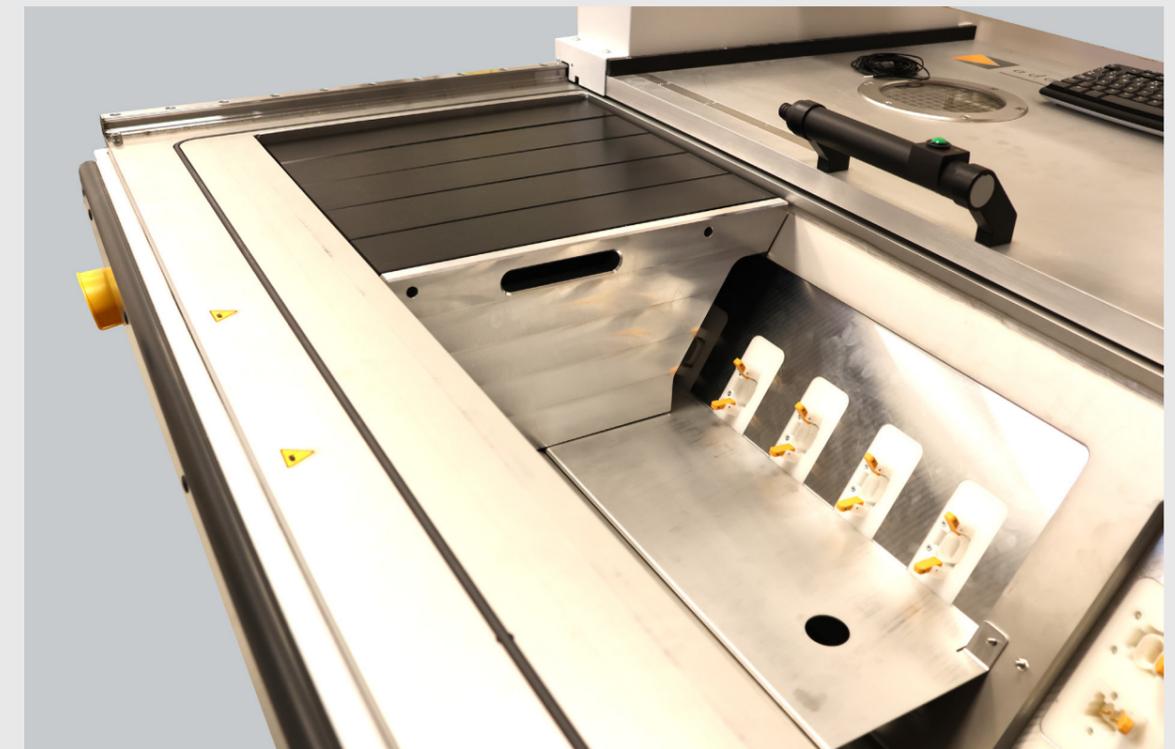
Volume reduction module



Contact the test specialist
now!

Features

Main components	<ul style="list-style-type: none"> – Testtable with vacuum chamber and sealed adapters – adaptronic tester NT 700-11 with high voltage generator – Vacuum pump – adaptronic test software NT Control
No. of test points	max. 2565
Test voltage	max. 6000 VDC
Vacuum chamber	<ul style="list-style-type: none"> – Highly airtight stainless steel chamber – Aluminum sliding lid with recirculating ball bearing guide – Safety device with two-hand operation and sensors
Vacuum pump	Oil-free, air-cooled scrow pump
Power supply	3 × 400 VAC, 50 Hz
Designs	<ul style="list-style-type: none"> VTS1200 with a width of 1.2 m VTS1800 with a width of 1.8 m



Open vacuum chamber with volume reduction modules

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