VTS Vacuum Test System
for unshielded cable harnesses or busbars

Patented

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

adaptronic
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VTS Vacuum Test Systen
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 – dependung 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
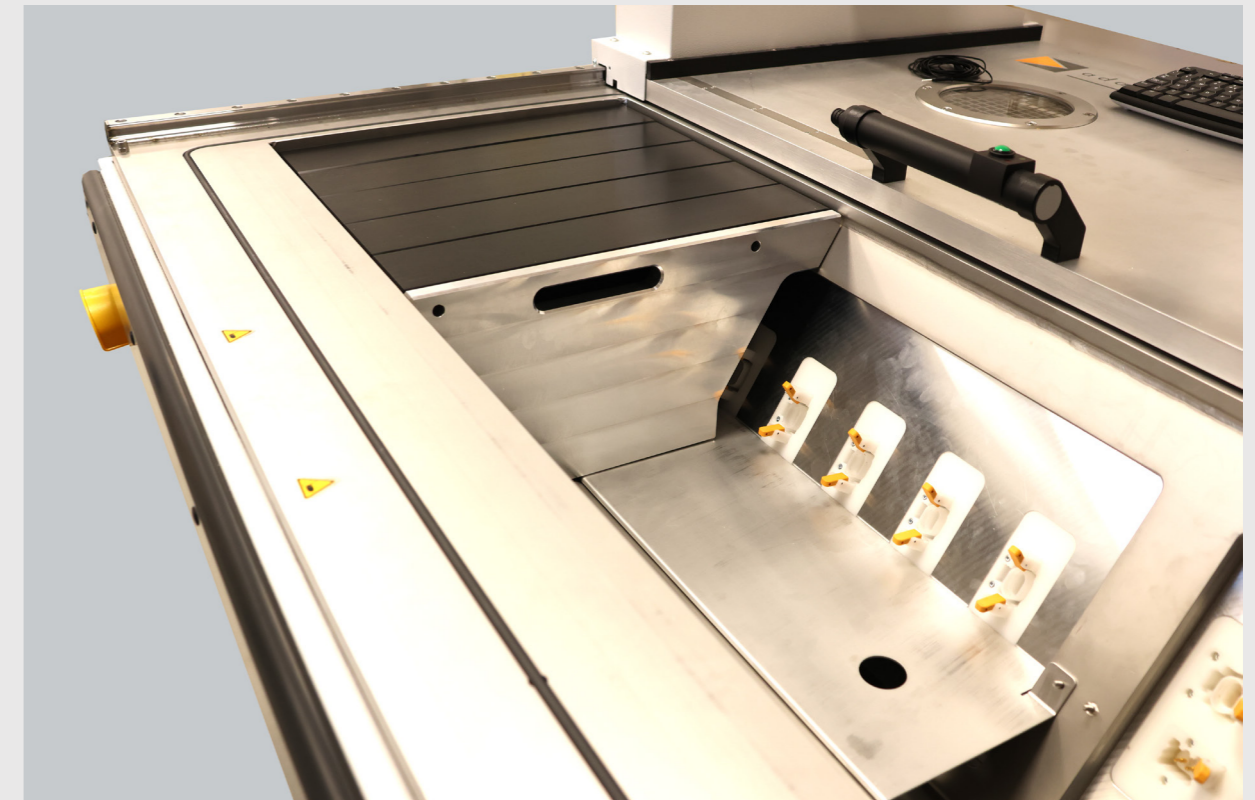

Integrated NT 700-11: CPU and HV generator

Volume reduction module

Features

Main components	– Testtable with vacuum chamber and selead 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	– 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 scew pump
Power supply	3 × 400 VAC, 50 Hz
Designs	VTS1200 with a width of 1.2 m VTS1800 with a width of 1.8 m

Open vacuum chamber with volume reduction modules

Contact the test specialist now!

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