

## Test of Interior Cable Harnesses



Galley



Wiring detail rear side

### Projects realized for the following aircraft manufacturers:

- ▶ Airbus
- ▶ Boeing



Test system NT 730

#### Test task:

- ▶ Galley end of line test, cable harness test in installed state
- ▶ Precise continuity test
- ▶ Fast short circuit test between the connections
- ▶ Insulation resistance and dielectric strength test

#### System design:

- ▶ Modular central test system – operation, measurement generators and test points integrated in one cabinet
- ▶ Test system universally useable between the different galley test benches

#### Technical features:

- ▶ 320 test points, 2000 VDC, 1500 VAC
- ▶ IPC with operating software NT Control



## Test of Interior Cable Harnesses



High voltage test table system TD2400P / NT 632

### Test task:

- ▶ Cable harness production - end of line test
- ▶ Test table for 15 different cable harnesses
- ▶ Continuity test, short circuit test between the connections
- ▶ Insulation resistance and dielectric strength test

### System design:

- ▶ Test table with 300 different adapters
- ▶ Test system and operating elements integrated in the test table

### Adapter technology:

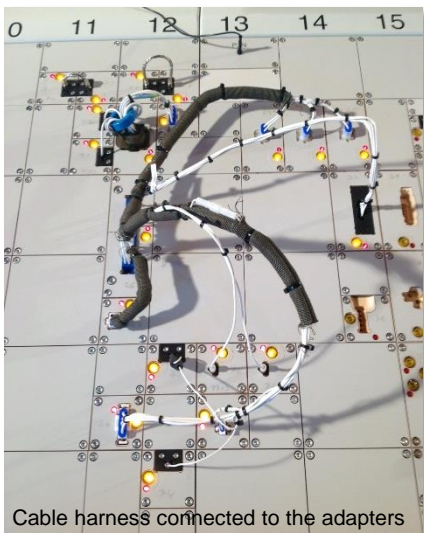
- ▶ Connector specific contour with spring loaded test pins
- ▶ Automatic electro-pneumatic clamping of the connectors
- ▶ Adapter LED, supports the operator at adapting the cable harness and at the fault search at wiring faults

### Technical features:

- ▶ 3000 test points, 1500 VDC
- ▶ PC with operating software NT Control
- ▶ Especially for test table applications designed operating software

### Customer benefit:

- ▶ Complete system solution from one hand, including test program



Cable harness connected to the adapters