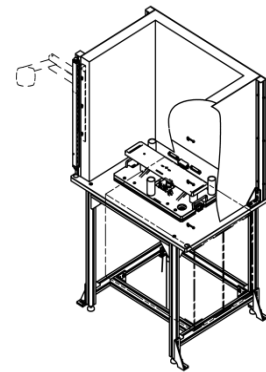
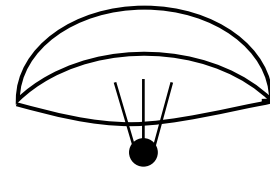


Radome test station

L14B07

The Löhnert Elektronik radome test station is used for measuring radar-transparent covers which operate with a medium or long range radar sensor in a range of 76-77 GHz.

The radar permeability of the individual radomes is tested using targets located above the Radome test station. A two-way attenuation is then determined.



The test chamber with radar sensor and the UUT holder are located in the middle of the radome test station. The chamber is lined with radar absorbent material to reduce the scattering radar beams.

The Löhnert Elektronik user interface LisRT (Löhnert instant scripting RunTime), developed in-house, is used for the visualisation of the random test station. The software is designed for operation under Microsoft Windows.



Technical data:

Control cabinet:	19 inch format
Rated voltage / frequency:	230V/50Hz
Rated current:	approx. 0.5A
Power:	approx. 100VA
Fuse:	16A
Control voltage:	24V DC
Radar sensor frequency range	76...77 GHz
Industrial PC:	Beckhoff 19 inch slide-in module Industrial PC C5102 series □ Processor Intel® Core i5, 2.7 GHz, 2 cores □ 3 GB DDR3 RAM, multi DVD drive
Monitor:	24" LED Monitor
Measuring software	LisRT (Löhnert instant scripting RunTime)
Programming language:	C#.NET
Dimensions (mm):	Test station approx. 1047 x 1762.8 x 800 □ Reflector bracket approx. 800 x 500 x 2444.5
Weight:	Test station approx. 233 kg □ Reflector bracket approx. 200 kg

Additional equipment:

- Alignment for test surface with integrated spirit level and positioning device
- Registration of the badges using a barcode scanner or QR code scanner
- Rotating monitor and keyboard holder
- Light curtain on the test chamber
- Mounting plate with light barriers for the correct positioning of the UUT
- Test chamber lined with radar absorbent material
- Software is easy to operate



- DMC code printer available as an option
- Laser inscription available as an option
- Further options available on request.

Product information