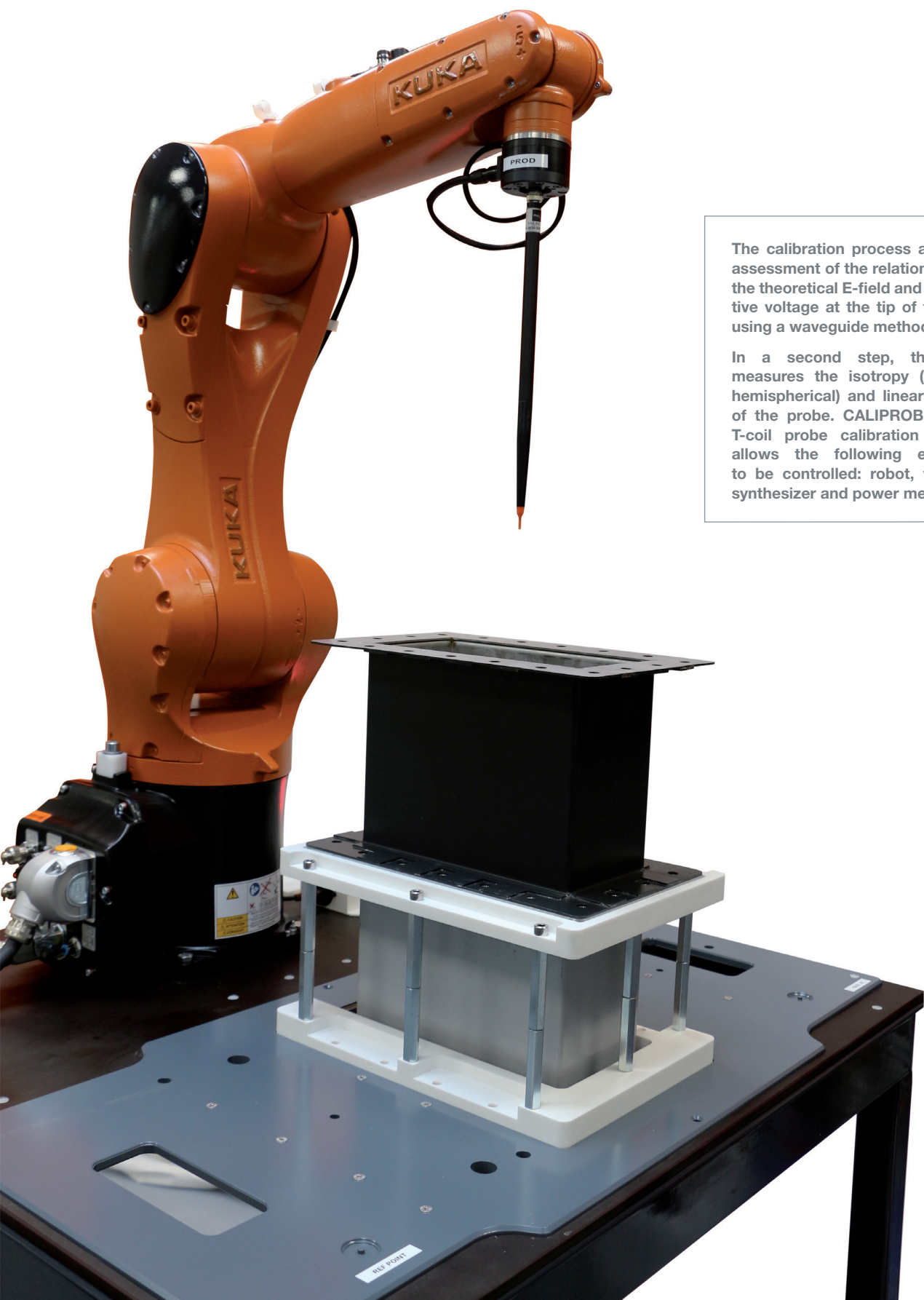


/ CALIPROBE Bench



The calibration process allows the assessment of the relation between the theoretical E-field and the effective voltage at the tip of the probe using a waveguide method.

In a second step, the bench measures the isotropy (axial and hemispherical) and linearity values of the probe. CALIPROBE E-field/T-coil probe calibration software allows the following equipment to be controlled: robot, voltmeter, synthesizer and power meter.

Main features

Product category

- Probe calibration bench

Function

- Calibrates E field probes used for SAR measurements, E-field probe and T-coil probe for HAC measurements

User profile

- Certification and regulatory bodies

Related standard

- IEEE 1528; FCC OET Bulletin 65; IEC 62209; EN 50361; EN 50383

Related software

- CALIPROBE software

Included equipment

- Mechanical assembly system, multi waveguides

Additional required equipment

- Power meter, power amplifier, signal generator, directional coupler, Helmholtz coil

Main Functions

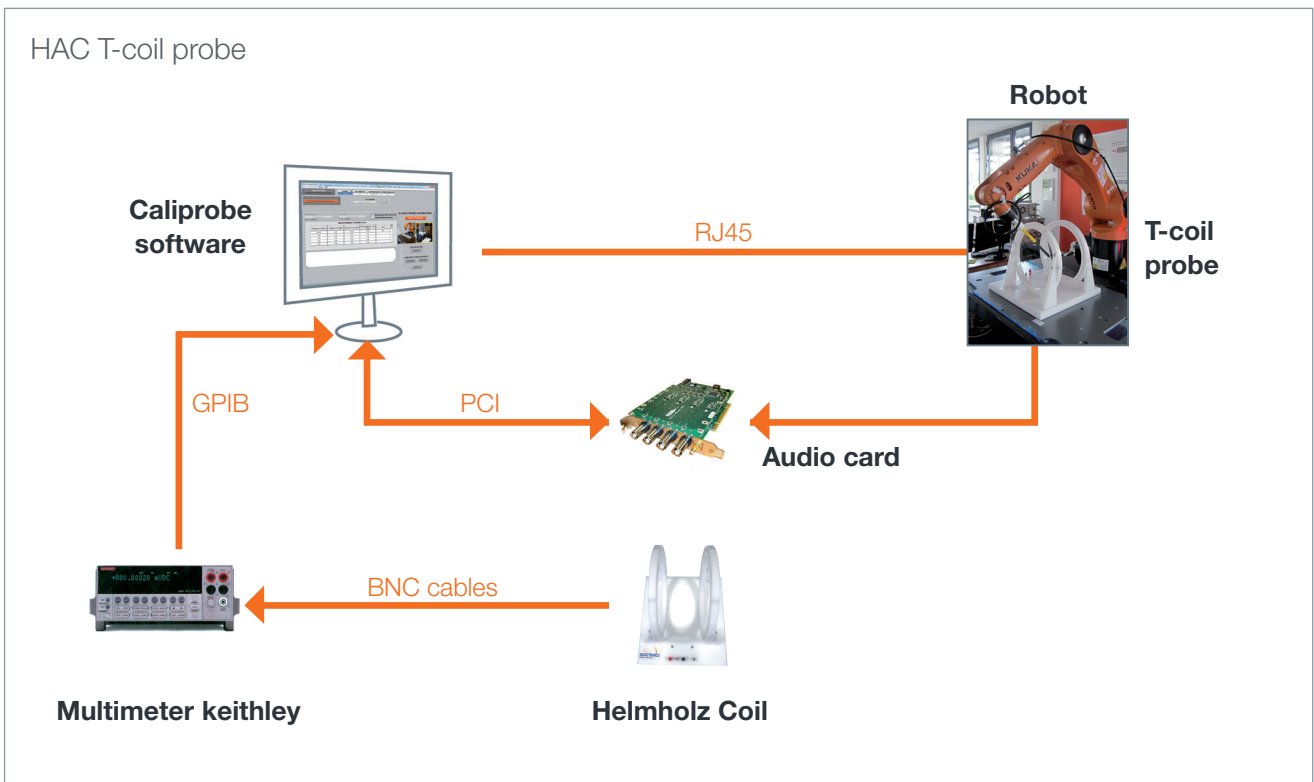
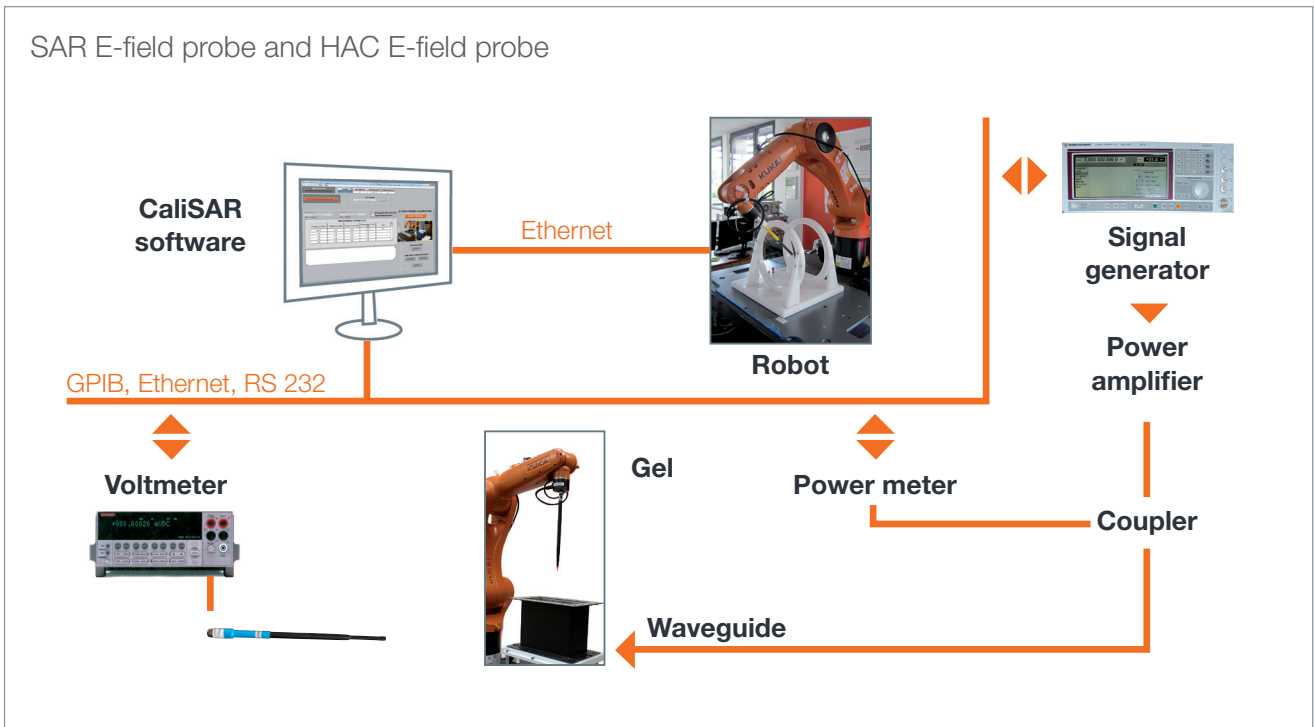
- Defines measurement parameters: frequency, liquid properties, cable loss and waveguide S11.
- Checks if all devices are correctly connected to the PC and configures GBIB address for each instrument.
- Calculates isotropy (axial, hemispheric) and linearity values.
- Defines the robot reference point of the VAT and memorizes this reference.
- Exports probe factor in OPENSAR/OPENHAC format.
- Use of the VPS for automatic reference.

CALIPROBE Bench

Hardware requirements

Advised 17" screen	PC intel core i3
Cable link	1 LAN Ethernet
Operating system	7/10
RAM	8 GB (1 GB recommended)
Software	MS Word/Excel
Ports Extra card	LAN + 3 slot PCI Audio card Ni4461

System overview





Contact your local sales representative for more information

www.mvg-world.com



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