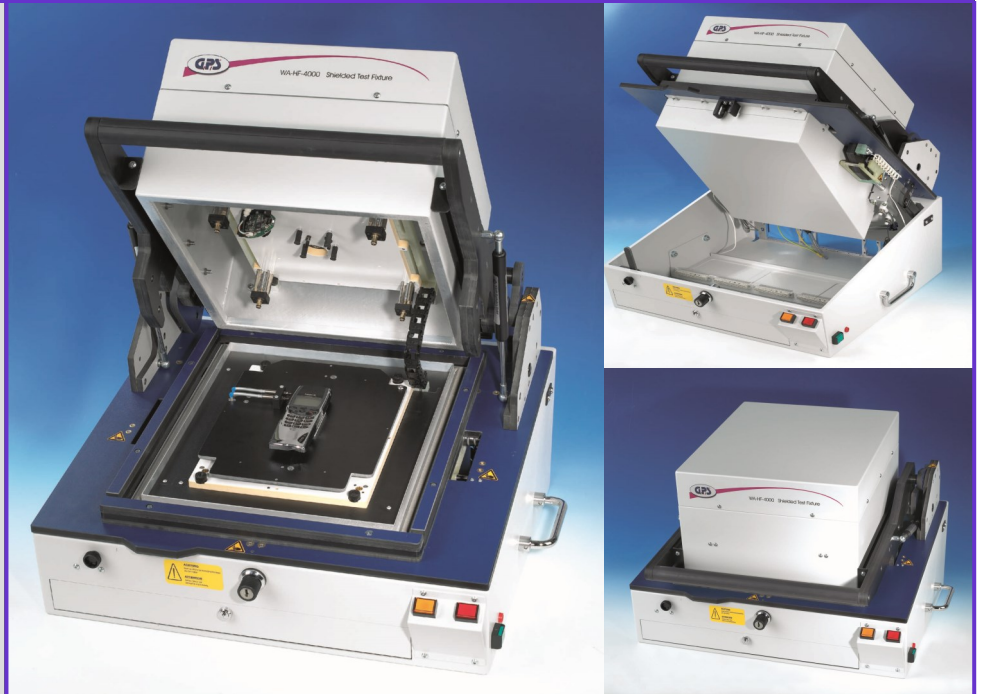


Shielded RF Test Fixture

Pneumatic Fixture

WA-HF-4000/8000



Fixture Specification

- Pneumatic fixture for High Frequency Test
- Shielding from external RF-Signals
- 2 Product size Standard working area: L x D 180mm x 180mm
Large working area: L x D 382mm x 274mm
- Changeable cassette unit with pneumatic pressure frame mechanism
- Forceless and adjustable compression speed due to doubled pneumatic Cylinders (24V)
- Parallel pressure frame mechanism
- Start signal by depressing the pressure frame mechanism (optional)
- Kit designed as cassette type unit to maximize economy
- Fast and easy to change upper and bottom probe plate
- Interface modular and customize configurable
- Optional: Pylon Interface or G 12 Interface from Virginia Panel
- Integrated start, stop and reset buttons
- Running position monitoring (optional)
- Lockable housing
- Plug-in module for 4 PCB (100x160 mm) for local electronics
- Combination of RF, audio and video test
- For testing mobile telephones, "Bluetooth"-devices and WLAN
- Suited for acoustic (microphone and speaker) and optic (video camera) test
- Changeable Kit has to bought separately

Shielded RF Test Fixture

Technical Specification

Standard RF Fixture WH-HF-4000

Desk Fixture with parallel pressure mechanics

Größe:

Test Fixture:	external dimension:	L x D x H 550mm x 580mm x 400mm
Complete cassette:	external dimension:	L x D 340mm x 290mm
	working area:	L x D 190mm x 180mm

Weight: incl. cassette unit: 20 kg

Temperature: operating temperature: +10°C ...+40°C
storage temperature: -210°C ...+60°C

Humidity: operating temperature: 90% r.h. no cond. by +10°C ...+40°C
75% r.h. no cond. by +30°C ...+40°C
storage temperature: 90% r.h. no cond. by +60°C

Compressed Air: 6 bar oil-free

Power Supply: 24V DC/3A for pneum. valve



Large RF Fixture WH-HF-8000

Desk Fixture with parallel pressure mechanics

Größe:

Test Fixture:	external dimension:	LxBxH 702mm x 580mm x 404mm
Complete cassette:	external dimension:	LxB 482mm x 434mm
	working area:	LxB 380mm x 270mm

Weight: incl. cassette unit: 26 kg

Temperature: operating temperature: +10°C ...+40°C
storage temperature: -210°C ...+60°C

Humidity: operating temperature: 90% r.h. no cond. by +10°C ...+40°C
75% r.h. no cond. by +30°C ...+40°C
storage temperature: 90% r.h. no cond. by +60°C

Compressed Air: 6 bar oil-free

Power Supply: 24V DC/3A for pneum. valve



Interface Chamber



Interface modular and free configurable

Pylon Block Interface for 10 Interface Blocks Order-No.: TSI-50-IF

Virginia Panel, G12 (see also G12 Receiver) Order-No.: ITA-G12

Shielded RF Test Fixture

Technical Specification

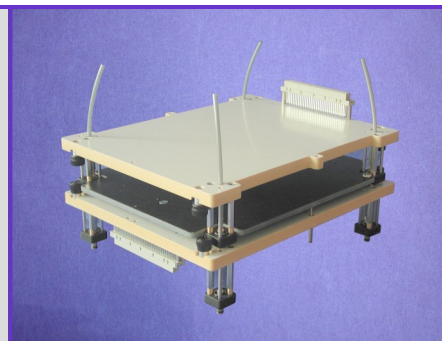
<p>Interface RF-Chamber</p> <p>Connecting Panel (D x H): 250mm x 105mm (useable) Earth Connection: thread bolts M5 x 15 as well as snap fasteners</p>																			
<p>RF-Connector and Socket</p> <p>Pneumatic: couplings - bulkhead fitting hose diameter 6mm Order-No.: Festo-SCN-PK-3</p> <p>Pneumatic block: for max. 6 solenoid valves</p> <p>Connecting Panel (D x H): 250mm x 105mm (useable)</p> <p>RF Socket 2 x SMA-SMA socket Impedance 50 Ω, Interface Freq max 18 GHz Order-No.: HF-34SMA-50-1/1 -- UE</p> <p>Audio: 9-polig. D-Sub, shielded Order-No.: HF-SUB-D-9-M-L Data: 15-polig. D-Sub, shielded Order-No.: HF-SUB-D-15-M-L Power + Reserve: 25-polig. D-Sub, shielded Order-No.: HF-SUB-D-25-M-L Filter Designation: 1000 pF Pi</p> <p>Data: USB Interface Modul Filter Designation: 10 pF Pi Shielding Effectivness >60dB up to 3 GHz Order-No.: HF-USB-A-M</p> <p>Data: Ethernet Interface Modul RJ 45 Filter Designation: 10 pF Pi Shielding Effectivness >60dB up to 3 GHz Order-No.: HF-RJ 45</p>																			
<p>HF - Schirmung</p> <table border="0"> <tr> <td>Ohne Absorber:</td> <td>Mit Absorber:</td> <td>Bestell-Nr.: WA-HF-4000-ABS</td> </tr> <tr> <td>300 MHz 500 MHz > 60 dB</td> <td>300 MHz 500 MHz > 75 dB</td> <td></td> </tr> <tr> <td>600 MHz 1000 MHz > 55 dB</td> <td>600 MHz 1000 MHz > 75 dB</td> <td></td> </tr> <tr> <td>1100 MHz ...1500 MHz > 50 dB</td> <td>1100 MHz ...1500 MHz > 70 dB</td> <td></td> </tr> <tr> <td>1600 MHz ...2000 MHz > 45 dB</td> <td>1600 MHz ...2000 MHz > 60 dB</td> <td></td> </tr> <tr> <td>2100 MHz ...2500 MHz > 55 dB</td> <td>2100 MHz ...2500 MHz > 65 dB</td> <td></td> </tr> </table>	Ohne Absorber:	Mit Absorber:	Bestell-Nr.: WA-HF-4000-ABS	300 MHz 500 MHz > 60 dB	300 MHz 500 MHz > 75 dB		600 MHz 1000 MHz > 55 dB	600 MHz 1000 MHz > 75 dB		1100 MHz ...1500 MHz > 50 dB	1100 MHz ...1500 MHz > 70 dB		1600 MHz ...2000 MHz > 45 dB	1600 MHz ...2000 MHz > 60 dB		2100 MHz ...2500 MHz > 55 dB	2100 MHz ...2500 MHz > 65 dB		
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Shielded RF Test Fixture

Accessories

Complete Changeable Fixture Kit WA-HF-400

Consisting of:
 WA-HF-KTP-400
 WA-HF-AP-400
 WA-HF-PAP-400



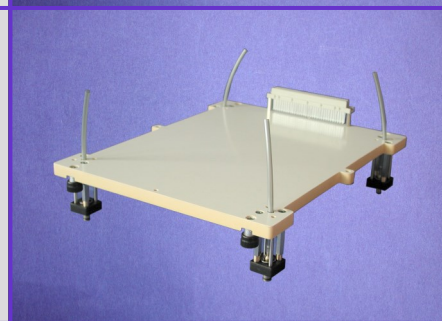
Changeable probe plate WA-KTP-400

Changeable probe plate
 incl. internal 96 pol. connector
 Outside dimension: 260 x 210 x 10 mm
 Working area: 190 x 180 mm



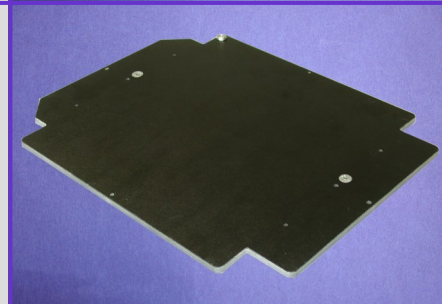
Changeable pressure plate WA-AP-400

pressure plate 10mm dick
 Incl. 4 Pneumatic connector
 96 pol. connector
 Outside dimension: 260 x 210 x 10 mm



Changeable moving plate WA-PAP-400

Incl. 6 spring probes and distance stopper (3mm)
 Working area: 180 x 180 mm




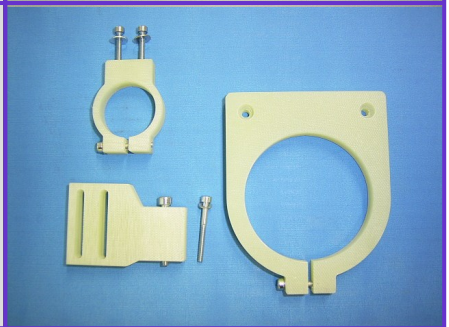
Spring Probes WA-GPA-13-3N

Spring force 3N, incl. sockets
 Height 13,3 mm, Tip style 4 mm (Nickel/Rhodium)



Shielded RF Test Fixture

Accessories

<p>Akustik Set</p> <p>Speaker und Microphon</p> <p>supplied on request</p>	
<p>Holder for Loudspeaker and Microphon</p> <p>supplied on request</p>	
<p>Cabel to connect for Loudspeaker and Microphon</p> <p>supplied on request</p>	