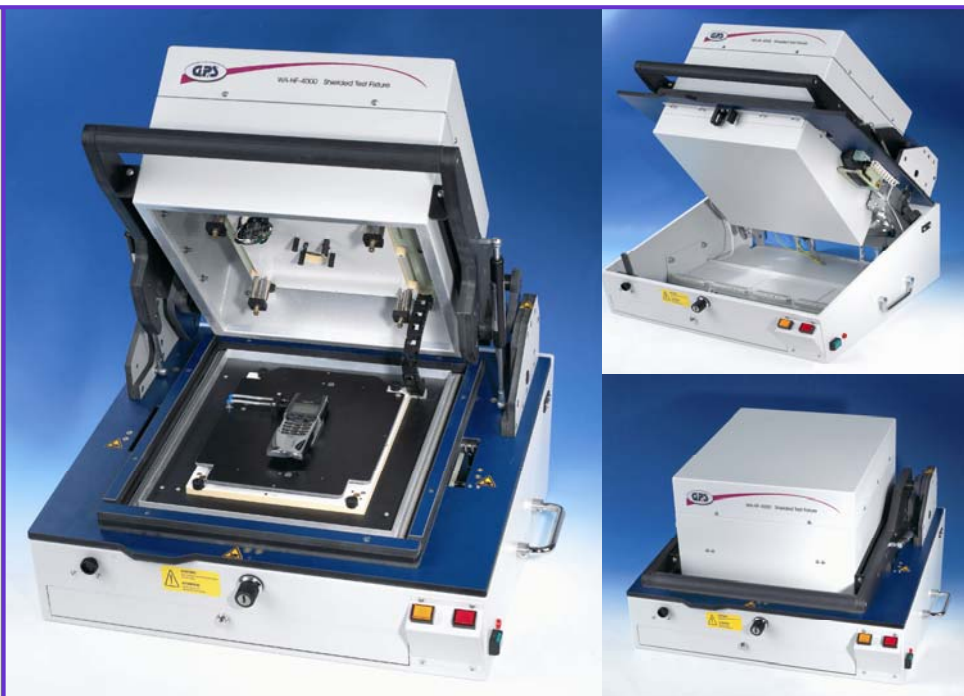


Shielded RF Test Fixture

Pneumatic Fixture

WA-HF-4000



Fixture Specification

- Pneumatic fixture for High Frequency Test
- 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
- Shielding from external RF-Signals
- Changeable Kit has to bought separately

Shielded RF Test Fixture

Technical Specification

Desk Fixture with parallel pressure mechanics, inclusive interface for shielded RF chamber

Size:

Test Fixture:	external dimension:	L x D x H 550mm x 520mm x 380mm
Complete cassette:	external dimension:	L x D 260mm x 210mm
	working area:	L x D 180mm 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



Interface Chamber

Interface modular and free configurable

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

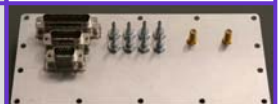
Virginia Panel, G12 (see also G12 Receiver) Order-No.: ITA-G12

Interface HF-Chamber

Pneumatic: hose diameter 6mm
Pneumatic block: for max. 6 solenoid valves
Connecting Panel (D x H): 250mm x 105mm (useable)
Earth Connection: thread bolts M5 x 15 as well as snap fasteners

Connecting Panel for HF Chamber

HF:	2 x SMA-SMA socket	Order-No.:	HF-37SMA-50-1/1 -- UE
Pneumatic:	8 x couplings - bulkhead fitting	Order-No.:	Festo-SCN-PK-3
Daten:	15-polig. D-Sub, shielded	Order-No.:	HF-SUB-D-9-M-L
Power + Reserve:	25-polig. D-Sub, shielded	Order-No.:	HF-SUB-D-15-M-L
Optional	USB connector shielded	Order-No.:	HF-SUB-D-25-M-L



RF - Shielded

without Absorber: with Absorber: Order-No.: 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

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: 180 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 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)

