

# GPS TEST FIXTURES



## FOR IN-CIRCUIT AND FUNCTION TEST OF LOADED BOARDS AND UNITS

DSE Test Solutions A/S is distributor for the German company GPS Prüftechnik GmbH, for a line of high performance of GPS Fixtures. The GPS product portfolio spans from simple download fixtures and cassette fixtures to advanced turntable solutions.

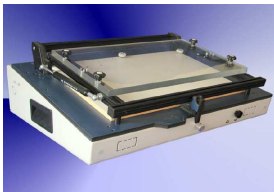
### WA-M 1200



#### Specifications:

- Low cost
- Small changeable fixture with parallel mechanical pressure unit
- Interface fastening for 2 Sub-D- connectors (9-25 pol)
- Optional locking device with holding magnet

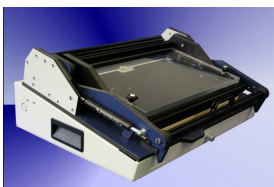
### WA-M-1400



#### Specifications:

- Mechanical changeable fixture with pressure unit
- Fast change of the probe plate and the pushdown plate
- Self-closing interface through the connectors
- Desk form for easy handling
- Customer specified interface
- Case can be open during the debugging

### WA-M-1500



#### Specifications:

- Desk form for easy handling
- Parallel mechanical pressure unit
- Fast change of the probe plate and the pushdown plate
- Self-close interface through the connectors
- 192 contacts standard expandable to 384 contacts
- Customer specified interface
- Case can be open during the debugging

### WA-M-1500-I



#### Specifications:

- Parallel mechanical pressure unit
- Fast change of the probe plate and the pushdown plate
- Internal interface holding for max. 6 interface blocks, each haven 170 pins
- Desk form for easy handling
- Customer specified interface
- Case can be open during the debugging

## WA-M 1501-I



### Specifications:

- Parallel mechanical pressure unit
- Fast change of the probe plate and the pushdown plate
- Internal interface holding for max. 3 interface blocks with pins
- Desk form for easy handling
- Customer specified interface
- Case can be open during the debugging

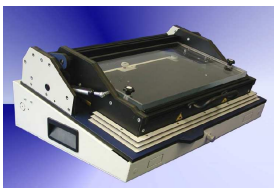
## WA-M-1510



### Specifications:

- Parallel mechanical pressure unit
- Fast change of the probe plate and the pushdown plate
- 4 x 96 Interface connectors standard 384 test points
- Fixture is suitable for about 300 N (200 probe with 1,5 N Spring force)
- Desk form for easy handling
- Customer specified interface
- Case can be open during the debugging

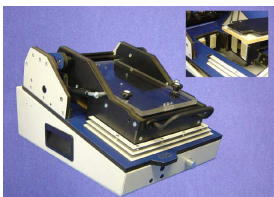
## WA-P-3000



### Specifications:

- Pneumatically changeable unit with mechanical pressure unit
- Desk form for easy handling
- No effort because of the dual pneumatically drive system (24V)
- Expandable to 384 contacts
- Signal for the start by pushing down the pressure unit
- Self-closing interface through the connectors
- Customer specified interface
- Case can be open during the debugging

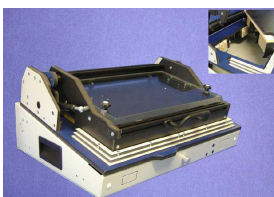
## WA-P-3001-I



### Specifications:

- Pneumatically changeable unit with mechanical pressure unit
- Fast change of the probe plate and the pushdown plate
- Internal interface holding for max. 3 interface blocks, with pins
- Desk form for easy handling
- Customer specified interface
- Case can be open during the debugging

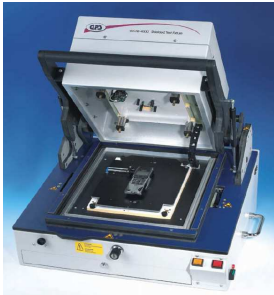
## WA-P-3010-I



### Specifications:

- Pneumatically changeable unit with mechanical pressure unit
- Fast change of the probe plate and the pushdown plate
- Internal interface holding for 6 interface blocks (1020 pins), incl. Probes - external up to 12 blocks (2040 pins)
- Desk form for easy handling
- Low mechanical effort due to a dual pneumatically drive system (24V)
- Possible to customise outside interface
- Case can be open during the debugging

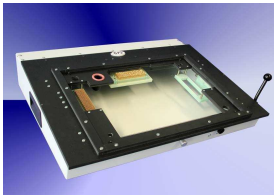
## WA-HF-4000



### Specifications:

- Pneumatically fixture for High Frequency Test (mobiles, Bluetooth devices and WLAN)
- Changeable cassette unit with pneumatic pressure frame mechanism
- Ergonomically inclined top plate position for easy handling
- Forceless and adjustable compression speed due to doubled pneumatic cylinders
- Parallel pressure frame mechanism
- Kit designed as cassette type unit to maximize economy
- Fast and easy to change upper and bottom probe plate
- Removable back plane to customize customer interface
- Safety features such as finger guard, heavy duty carrying handles and ergonomic design

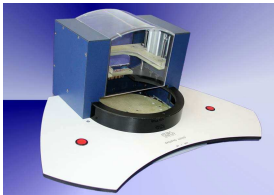
## VWK-55-5000



### Specifications:

- Desk form for easy handling
- Manual locking of the cassette (low energy consumption)
- Suited to max. 1080 test points
- Quick and easy change of the vacuum cassette (< 5 sec)
- Internal interface with 2 x 230 pins (not incl.)
- Customer specified interface
- Case can be open during the debugging

## WA-P-6200/WA-P-6250



### Specifications:

- Ergonomically designed Stand-Alone-Fixture (without test system)
- Precise probing and repetition through column guide
- Short handling time through the turn table system (two side probing)
- Quick and easy change of the probing unit
- Designed for two side probing
- Internal Interface
- Customer specified external interface
- High safety through the two-handed operating and the sensor control
- Free space for additional installations e.g. button, fibreglass etc.

## EP-8000



### Specifications:

- Stand-Alone-Test Unit (without Test system)
- Precise probing and repetition through the column guide
- Short handling time through the turn table system (two side probing)
- Quick and easy change of the probing unit
- Turn table with servo drive
- Designed for two side probing
- Internal interface
- Customer specified external interface
- High safety through two-handed operating, sensor control and ESD quality
- High space for additional installations e.g. button, scanner, light guide etc.

### **GPS Changeable Fixture**

GPS offer various cassette fixture solutions for customers which produce a number of different boards in small batches. The board's specific part of these cassette fixtures can be exchanged in the base unit which help reducing fixture costs.

### **DSE fixtures for test platforms**

DSE also offer customized fixtures for application in test solutions. The fixtures range from simple manual to automatic in-line and highly developed RF-shielded fixtures. The fixtures are designed to meet modern production quality. Get an overview of our customized fixtures on our website [www.dse.dk](http://www.dse.dk).

### **Further information**

Find out how DSE Test Solutions can supply you with the right fixture solution. Please contact our sales department in our Test Technology Division at tel. +45 71 66 88 11 or by e-mail [ttd@dse.dk](mailto:ttd@dse.dk).

