



The In-Process Tester
with No Limits

WK 25

Cable Test

Backplane-/Racktest

Function Test

Specials



With a **WK 25** you have one powerful, versatile interconnection tester for the in-process test of cabling of electrical appliances, circuit boards and backplanes. The user friendly programming software offers extensive functions such as the Modul Test Manager for a rational production supervision with high volumes.

■ Testing and Measuring Performance

-
- | | |
|--------------------|--|
| Performance | <ul style="list-style-type: none">· Continuity/insulation thresholds from 10 Ohms to 500 kOhms, accuracy $\pm 5\%$, ± 5 Ohms (using high precision mode)· Test of capacitors from 10 nF to 10 mF, up to 470 μF $\pm 10\%$, ± 1 nF accuracy, decreasing to 20 %· Polarity test of electrolytic capacitors· Test of diodes for open, short, reversed and wrong value· Functional test of keys and switches |
|--------------------|--|
-

- | | |
|------------------------|--|
| Current/Voltage | <ul style="list-style-type: none">· 10 μA, 100 μA, 1 mA or 5 mA constant current· 10 Vdc maximum test voltage <p><small>Typical values, being valid at the output of the tester without adaptation at 25 °C and a relative humidity smaller than 60 %</small></p> |
|------------------------|--|
-

■ Technical Details

-
- | | |
|------------------------|---|
| Tester Hardware | <ul style="list-style-type: none">· PCI Interface card for installing into a standard PC, includes interface cable· WK 25 Matrix box· Control interface (optional) to drive peripheral devices such as a feeder or an eject mechanism |
|------------------------|---|
-

- | | |
|-------------------------|---|
| Switching Matrix | <ul style="list-style-type: none">· Test point cards with 128 test points each· CMOS analog switching· Replaceable 64-pin test point connectors conforming to DIN 41612, type C |
|-------------------------|---|
-

- | | |
|--------------------|--|
| LED Drivers | <ul style="list-style-type: none">· 128 LED drivers per card· Replaceable 64-pin test point connectors conforming to DIN 41612, type B· To activate LEDs, e.g. on an assembly board, simultaneously with associated test points· For visual wiring assembly aid or fault location |
|--------------------|--|
-

■ Further Details

-
- | | |
|-----------------------------|--|
| Dimension and Weight | <ul style="list-style-type: none">· 19", 4 HE (Height units)· 448 x 570 x 177 mm (W x D x H), 6.5 kg (without test point cards) |
| Power Supply | <ul style="list-style-type: none">· From control computer |
| Temperature | <ul style="list-style-type: none">· Operation at +10 °C bis +40 °C, storage at -10 °C bis +40 °C |
| Air Humidity | <ul style="list-style-type: none">· 30–75 %, not condensing |
-