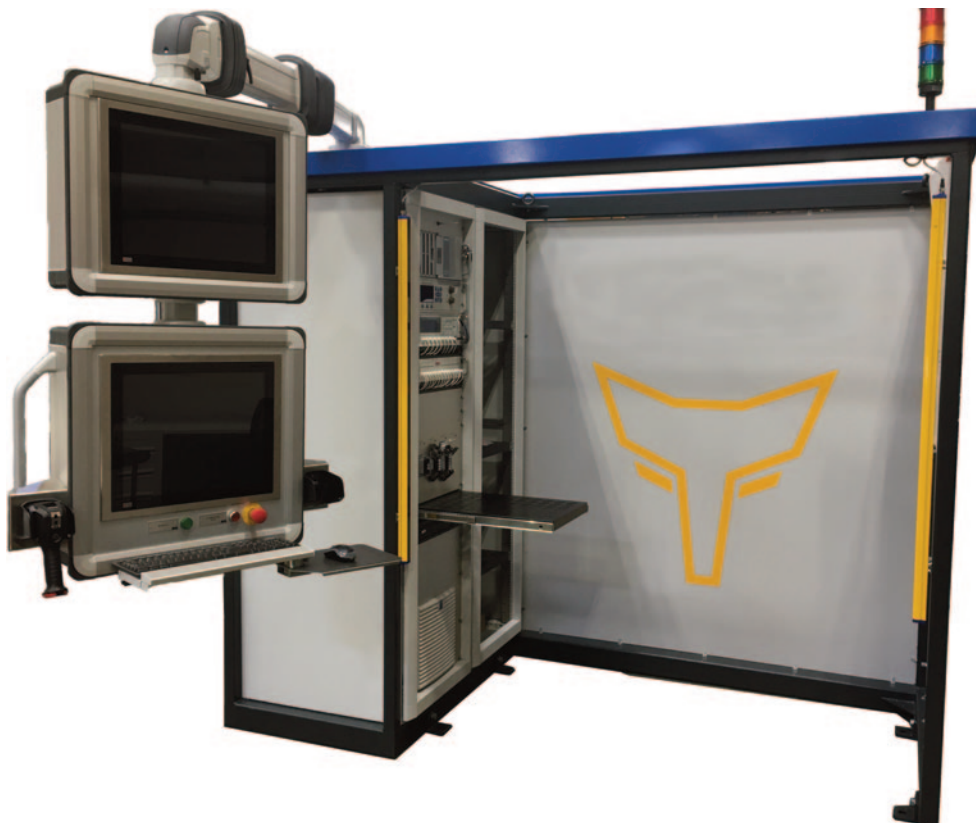


Test Stand for Electrical Measurements

>TBEM1< MODEL 0003



Developed as an independent test stand to carry out:

dielectric tests
insulation resistance measurements
bonding resistance tests
DC resistance measurements

- > operation via touch screen panel and manual control elements
- > visualization and indication on touch screen panel as well as analogous and digital displays
- > ergonomic and easily accessible test area monitored by a safety light curtain to protect the operator from high voltage
- > stand alone design or in combination with supplementary systems

MISCELLANEOUS

- > 8 channel high voltage tester with 16 channel high voltage switching matrix to automate high voltage, insulation and resistance measurements
- > can be adapted for different components with adapter cables
- > ergonomic storage possibility for components and test adapters
- > LED status display to visualize the state of operation

TECHNICAL DATA

> Electricity supply (requirements):

Mains supply: 1/N/PE AC 50Hz 230V
 Rated current: 10A
 Power: 2300VA
 Back-up fuse: 16A

> Operating conditions:

Operating temperature: 15 to 25°C (59 to 77°F)
 Storage temperature: 15 to 25°C (59 to 77°F)
 Height: up to 1,000m (3,300ft)
 above MSL
 rel. air humidity: 20 to 80%
 (non-condensing)
 Setup: not in potentially explosive atmospheres

> Dimensions and weight:

Length: 2,700mm (106.3in)
 Width: 1,360mm (53.5in)
 Height: 2,540mm (100.0in)
 Weight: approx. 600kg (1,324lb)

> Measurements:

PT100 RTD: 50...110 °F ±1.8°F

TEST-FUCHS MVP10R-FS Bonding Tester:

1mΩ; 10mΩ; 100mΩ; 600mΩ; 1Ω; 6Ω; 10Ω; 60Ω; 600Ω;
 6kΩ; 60kΩ & 600kΩ ± (0.2% o.m.v. + 0.2% o.f.s.)

CHROMA 19035 High Voltage Tester:

*Withstanding voltage test:**1

AC: 50V ... 5kV ± (1% o.m.v. + 0.1% o.f.s.)
 DC: 50V ... 6kV ± (1% o.m.v. + 0.1% o.f.s.)

*Insulation resistance measurement:**1

DC: 0.05 ... 5kV ± (1% o.m.v. + 0.1% o.f.s.)
 1MΩ ... 1GΩ ± (3% o.m.v. + 0.1% o.f.s.)
 1GΩ ... 10GΩ ± (7% o.m.v. + 2% o.f.s.)
 10GΩ ... 50GΩ ± (10% o.m.v. + 1% o.f.s.)

*DC 2-wire resistance measurement:**1

10Ω; 100Ω; 1kΩ; 10kΩ & 100kΩ, ± (2% o.m.v. + 0.5% o.m.r.)

*DC 4-wire resistance measurement:**1

1Ω ± (0.5% o.m.v. + 0.5% o.m.r.)
 10Ω; 100Ω; 1kΩ; 10kΩ & 100kΩ, ± (0.5% o.m.v. + 0.05% o.m.r.)

*1 ... for further details see Wout Component EST Sanner
 19035/19035-M/19035-S User's Manual

OPTIONS

Diverse options are available to customize the equipment according to customer requirements, e.g.: adaption for a number of UUTs, requirements for the test software, dimensioning, ...

>TBEM1<

Technical modifications reserved!