



**komax**

# TS1500 - HV

## HIGH VOLTAGE TEST SYSTEM

**The TS1500HV test system has been specially developed for the testing of data, sensor and high-voltage cables. It conforms to international standards and will be used in the cable assembly and automotive industries.**

The test system is suitable for the automated testing of video, antenna and sensor cables, for example HSD, FAKRA, airbag or high-voltage cables. The TS1500-HV system is equipped with best-in-class devices and the CS WIN nx<sup>®</sup> software and is thus individually programmable to suit customer requirements.

### Features

- Ergonomic work area (Test grid inclination 20°)
- Variable positioning of the test adapters
- Standardized interfaces
- Efficient and safe testing
- Convenient adaptation

### Equipment

- Test adapter (customer-specific connector contours)
- Test point cards
- Measurement technology, HV and 4-wire devices
- Voltage and pneumatic supply

### Measurements

- Short-circuit, Connection, Component testing
- High voltage test incl. temperature compensation
- 4-wire measurement

### Technical data

Test grid:	Depth: 600 mm Width: 1200 mm / 2400 mm / 3600 mm...
Dimensions:	Depth: Test grid + 400 mm Width: Test grid + 150 mm Height: 1750 mm (incl. protection barriers)
Accessories:	* Cable tester CT45, CT30ix * Test software CS WIN nx <sup>®</sup> Lighting, Test grid cover, Printer, Scanner, Additional accessories on request
4-wire measurement:	Resistance: 0.001 mΩ - 200 kΩ Current: 1 A
Insulation resistance test:	Voltage: 30 - 1000 V DC Resistance: bis 1 GΩ Test time: 1 - 999 sec.
Dielectric withstand test:	AC voltage: 10 - 3000 V AC DC Voltage: 10 - 5000 V DC Current limit: 2 mA Test time: 1 - 999 sec. Resolution range: 0.001 - 3.5 A

\* Further technical details can be found in the product data sheets and on our website.

### Options

Other models and sizes are available on request. The TS1500-HV test system can be combined with all cable testers and can be configured according to customer requirements.