

Calibration Tools



Box with basic and expansion sets



Calibration tool-sets – in service of quality

Calibration tool-sets especially assorted for adaptronic wiring testers:

- ▶ Basic set for low voltage measurement electronics
- ▶ Expansion set for adaptronic high voltage measurement electronics
- ▶ Expansion set for high voltage generators CHROMA C1905x
- ▶ Expansion sets for application specific test system equipment

Calibration training

In addition to the calibration tools adaptronic offers calibration trainings.

The trainings take place in small groups at the latest test system hardware and software.

During the training our experienced trainers agree very far to your individual requests and main focuses.

The participation will be confirmed by a training certificate.

According to prior agreement we also realize customized trainings at adaptronic or at your production site.

Ensuring of your product quality by high system availability

The high reliability of the adaptronic test systems, our quick response service and more than 30 years of experience make a convincing contribution to the quality assurance of your products.



Calibration tool: basic set

The basic set includes the necessary devices for the calibration of the low voltage measurement electronics of all adaptronic wiring testers.

Function:

- ▶ Check of measurement voltage and measurement current
- ▶ Check of continuity test, short circuit test and component test

The basic set includes:

- ▶ Aluminum case with trolley
- ▶ Multimeter with standard test cords
- ▶ Thermometer / hygrometer for the report of environmental conditions
- ▶ 2 x R decade
- ▶ 1 x C decade
- ▶ 1 x demo UUT
- ▶ Connection cables

The basic set can be expanded with expansion sets for the calibration of high voltage and high current wiring testers.

Expansion set for high voltage wiring testers

Necessary for all adaptronic high voltage wiring testers.

Features:

- ▶ Calibration of the HV insulation measurement
- ▶ Integrated voltage divider for checking the HV measurement voltage
- ▶ Check of the continuity measurement with high current and with kelvin measurement (option)

The set includes:

- ▶ Calibration tool for continuity test
- ▶ Calibration tool for insulation test
- ▶ Connection cable



Expansion set for HV generator CHROMA C1905x

Necessary for all adaptronic wiring testers with HV generator CHROMA C1905x.

Features:

- ▶ Integrated voltage divider for checking the HV measurement voltage up to 6000 VDC / 5000 VAC
- ▶ Check of the triggering level for the auto-switch-off at exceeding the set current

The set includes:

- ▶ Calibration tool CHROMA
- ▶ Connection cable for test point cards types RM10, RM10LT and RM10HT



The Alternative!

adaptronic calibration service

Continuous quality

The DIN EN ISO 9000 norms demand a regular technical check of the test equipment.

Regular checks are to be taken seriously by firms running or establishing a quality management system.

Our calibration service will enable you to fulfill the up-to-date quality demands.

The calibration service includes the following services:

- ▶ Check of the measurement generators for meeting the specifications.
- ▶ Execution of adjustments and cleaning if necessary
- ▶ Extensively review of the test systems for appropriate functioning
- ▶ Recording of measurement data and generating the corresponding certificate for your documentation
- ▶ Fixing the calibration badge to mark the calibration state
- ▶ On request: in time reminder by adaptronic according to defined calibration intervals

We recommend a repetition of the calibration service once a year!

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