

# ACTAS

## CIRCUIT BREAKER TESTING



## ACTAS C | CF | CCF

### Stationary switchgear test systems

High-precision stationary test systems for carrying out fully automatic final factory tests, type and function tests of all types of switchgear devices, including the drive units of switch bays. All electrical and mechanical parameters needed for the assessment of the switching performance are recorded and evaluated in real time without either the contact chambers or the drive unit having to be opened.

- Extremely flexible and versatile
- Connection of inputs and outputs via industrial plug connectors
- 50 kHz sample rate with a 200 kHz oversampling per measurement channel
- Calibration data storage on each measurement card
- Easy exchange of measurement cards
- Fully automatic testing
- DAC outputs or Ethernet ports for controlling additional devices
- Testing via the ACTAS 2.60 testing software including all modules and functions



## ACTAS P260+ | P360+

### Portable switchgear test systems

Flexible and compact test systems for the testing of medium-, high- and extra-high voltage switchgear with a plus in control and performance.

- Stand-alone operation
- Operation and evaluation via 7" touch screen
- Extremely robust and compact in hard case
- Complete switchgear testing without reconnecting in one test sequence
- PIR and main contact measurement on up to 12 contact chambers
- Static and dynamic resistance determination on up to 12 contact chambers and more with micro-ohm meter PROMET.
- Testing with earthing on both sides for AIS and GIS
- Recording and analysis of coil and motor current
- Testing of the minimum tripping voltage and the undervoltage release by power source EPOS MC4.



# ACTAS BTT2.0

## Battery-operated timing analyser

ACTAS BTT 2.0 is a battery-operated, hand-held measuring device which can determine operating times, contact synchronicity, sequence time and coil currents extremely quickly and easily. Thanks to this extensive functionality and its high measurement accuracy, ACTAS BTT 2.0 can be put to a wide range of different uses when measuring the operating times of low-, medium- and high-voltage switchgear devices, relay contacts, contactors and switch disconnectors, to mention but a few applications.

- Determination of operating times
- Test for contact synchronicity
- Determination of CO sequence time
- Measurement of coil currents
- Compact, ergonomic design
- Battery operation for up to 18 hours
- Easy-to-read graphical display
- Status display for inputs and outputs
- Bluetooth incl. remote control function



# ACTAS L260 | L360

## 19" Switchgear test systems

High-precision test systems built into a 19" standard system housing for function tests on various types of switchgear device, including circuit breakers, disconnectors or earthing switches, regardless of the type of drive unit, for use in development, laboratory and production environments.

- Extremely flexible and versatile
- Connection of inputs and outputs via terminal strip
- 50 kHz sampling rate with a 200 kHz oversampling per measurement channel
- Calibration data storage on each measurement card
- Easy exchange of measurement cards
- 19" drawer housing for easy installation in a standard system cabinet
- More than 44 analog measurement inputs for simultaneous measurements as well as binary measurement inputs and measurement inputs for incremental sensors
- DAC outputs or Ethernet ports for controlling additional devices
- Testing via the ACTAS 2.60 testing software including all modules and functions



# ACTAS 2.60

## Operating software for comprehensive switchgear tests

The ACTAS 2.60 operating software is the first choice when it comes to carrying out comprehensive tests or test procedures. With its special application modules, the software delivers solutions for individual test tasks.

### Advantages

- Data import and export, e.g. .csv or .xml
- Test object import via barcode, RFID or .xml
- Export of any data structures to Access, MySQL, Oracle etc., manually or automatically
- Report editor templates can still be used
- Test statistics can be easily created
- Automatic test procedures with repetitive operations
- Creation and use of reference curves
- Generation of virtual measurement channels
- Automatic monitoring of relay signals
- Conversation tables from rotary to linear movements
- Long-term measurements

# ACTAS Expert

## Operating software for efficient on-site testing

The ACTAS Expert software has been specially designed for testing switchgear devices on site and contains all the necessary functions. Whatever the task in hand, be it test preparation, test execution or test management, the clearly structured user interface gives fast, direct access to the functions required at any stage.

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