

agea - kull

High Voltage Tester and Low Power Test Sets

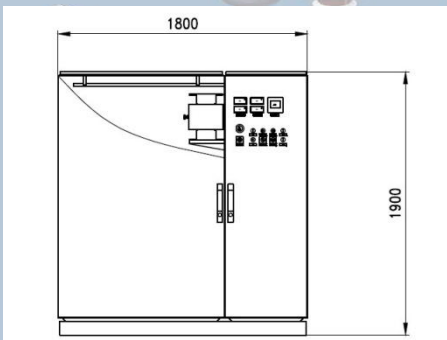


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The Company

agea-kull ag is an independent Swiss manufacturer of test facilities and delivers high voltage testers and low power test sources since 1955 to customers all over the world. This long time experience in collaboration with the Swiss sense for quality is the base for our daily work and the customers satisfaction is our goal.

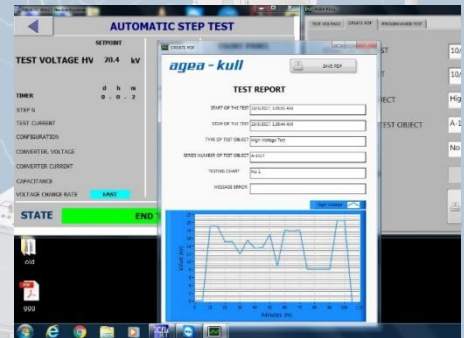


Customized Solutions

Flexibility and individual solutions are characteristic for agea-kull. Our test sets are no mass products, but single solutions, designed and built on customers demand. We are therefore able to fulfil nearly all requirements and requests. Ask us for your particular case - the examples described in this leaflet may give you an idea of our abilities

Application

agea-kull testers cover a wide range of possible applications, starting with manual operated potential tests in workshops or on site and going up to fully automated test procedures including PD, C-tan δ or calibration measurements in mass production lines or long duration test facilities with storage of the test results and protocol generation.



Desktop High Voltage Tester

With power between 1kVA and 5kVA and AC voltages below 10kV, the units are used for potential tests on transformers, motors, generators, low voltage cables, busbars, etc. They are typical hand operated with timer function and include connection cables, either with clamps or with test pistols.

On-Site Test Cases

For potential test on-site, the testers can be built into a robust plastic case with castors and handle. They can be easily transported and the housing protects the tester from dust and dirt. Different safety and connection material is available for installing a temporary safety interlock around the test area.



Mobile Workshop Test Units

Sometimes, the test objects are too big or too heavy to move them to a test facility. For such cases, mobile units with power up to approx. 20kVA are available. They can be delivered on base frames with castors or as mobile work benches with working space for additional equipment or for the test object preparation.

High Voltage Test Areas

The systems are fix installed for carrying out specific tests. The high voltage transformer is separated from the control unit. The systems can either be manual operated or automated. Electronic power sources enable testing with increased frequencies and disturbed voltage shapes. An integration in the customers IT structure is possible.



Test Chambers

The cubicles contain beside the high voltage source and the measuring equipment an integrated test chamber for housing the test object during testing. The chamber can be screened and equipped with additional filtering devices for achieving a low pd-noise-level. Units for C-tan δ or calibration measurements can be delivered too.

Mobile On-Site Test Systems

Primary or high voltage compensated systems, mounted on base frames or on trolleys or built into transport housings enable an efficient on-site testing of devices with high capacitance as e.g. generators and motors. The systems can consist of several parts in order to reduce the transport weight.



DC-Solutions

Testers with DC output up to approx. 50kV and 1A allow the loading of capacitive equipment as for example low and medium voltage cables with DC voltages. They can be built for pos. or neg. polarity or for both and are able to deliver AC voltages as well. An integrated discharge switch discharges the load capacitance after each test.

Discharge and Grounding Systems

These systems are intended to be used together with common available DC sources. They provide a safety interlock with warning lamps for the DC source and discharge the load after the testing. An additional switch can be delivered for grounding of the test circuit after discharging or in cases of emergency.



Contact

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