

720KV AC TEST TRUCK

PRODUCT BROCHURE



The 720kV AC test truck enables insulation testing of switchyard primary equipment of system voltages up to nominally 500 kV. This is achieved through the combination of resonant and conventional AC test equipment, assembled into a versatile mobile test system, which often removes the need for additional test trucks, resulting in a saving in testing effort and cost.

The system is well suited to performing insulation tests on transmission lines cables, insulators, switchgear, isolators, surge arrestors, capacitive voltage transformers, current and voltage transformers. Power transformers with compatible secondary or tertiary windings, are also able to be tested for commissioning or condition assessment purposes.

Site high voltage testing is often the most cost-effective way to perform commissioning, warranty or condition assessments. The versatility of the 720 kV AC test truck greatly improves access to high levels of site testing, for otherwise difficult and expensive assets.

In addition, the test system's added capability of automated test sequencing, greatly improves the control of long duration tests.

CAPABILITY OVERVIEW

720kV Resonant Test System provides an extensive on-site high voltage test capability that is well aligned with generation, transmission and distribution infrastructure needs. The fundamental short-term ratings are:

- 0-360 kV AC, 6 A
- 0-720 kV AC, 3 A

The truck also has a single-phase injection capability of:

- 24 kV AC, 200 kVA