

**CE DECLARATION - CE CONFORMITY MARK**  
**Declaration of Conformity - European Directives**

key word: CE

**General**

To guarantee the safe and correct operation of the equipment it must be installed and commissioned properly by qualified personnel. It is necessary to take particular note of the general and regional installation and safety regulations regarding work on high voltage installations (e.g. IEC, EN, VDE). All HIGHVOLT products and services are basing on these regulations.

**1. Directive 89/336/EEC - EMC Directive**

High voltage test systems consist of single component and are erected on site. These basic components do not have an intrinsic function until connected together. Therefore the basic components are not allowed to be CE marked for compliance with the EMC Directive. A prerequisite for the fulfillment of the principal protection requirements according EMC Directive is the attention of the HIGHVOLT installation instructions contained in the HIGHVOLT documentation.

Equipment which performs a complete intrinsic function corresponds to the EMC Directive for the industrial environments and are marked with the CE - label. The valuation procedure is carried out for these equipment in compliance with the electromagnetic compatibility emission standard EN 50081-2 and immunity standard EN 50082-2.

**2. Directive 73/23/ EEC - Low Voltage Directive**

Components with an nominal voltage higher than 1000 V/AC respectively 1500 V/DC are not included in the Low Voltage Directive. Take attention to the particular regulations for the work in high voltage installations higher than 1000 V/AC respectively 1500 V/DC.

Apparatus with a nominal voltage from 50 V/AC to 1000 V/AC respectively 75 V/DC to 1500 V/DC are produced according Low Voltage Directive and get the CE - label. The valuation procedure is carried out for these apparatus in compliance with the following standards:

EN 60439 - 1	Low-voltage switchgear and control assemblies Part 1: Type-tested and partially type-tested assemblies
EN 61010 - 1	Safety requirements for electrical equipment for measurement, control and laboratory use Part 1: General requirements

**3. Directive 89/392/ EEC - Machinery Directive**

The risks for high voltage facilities are mainly of electrical origin. Therefore such facilities shall be covered by the a.m. Low Voltage Directive and they do not fall under the scope of the Machinery Directive.