



Gas-filled stationary test installation UISG-25-I is designed for power frequency high voltage tests of insulation of hydro-generators and other similar electrical equipment.

Distinctive features of the test installation are: relatively small overall dimensions and mass, compactness and convenient arrangement of the equipment present in it, which allows to ensure minimum time and money expenditure for technical maintenance, preparation for work and conduction of tests on electrical equipment.

Exterior and make-up of the test installation is shown on photo and in Figure.

All component parts of the test installation are fixed on its base. The step-up transformer is designed for conversion of low primary voltage into high secondary voltage

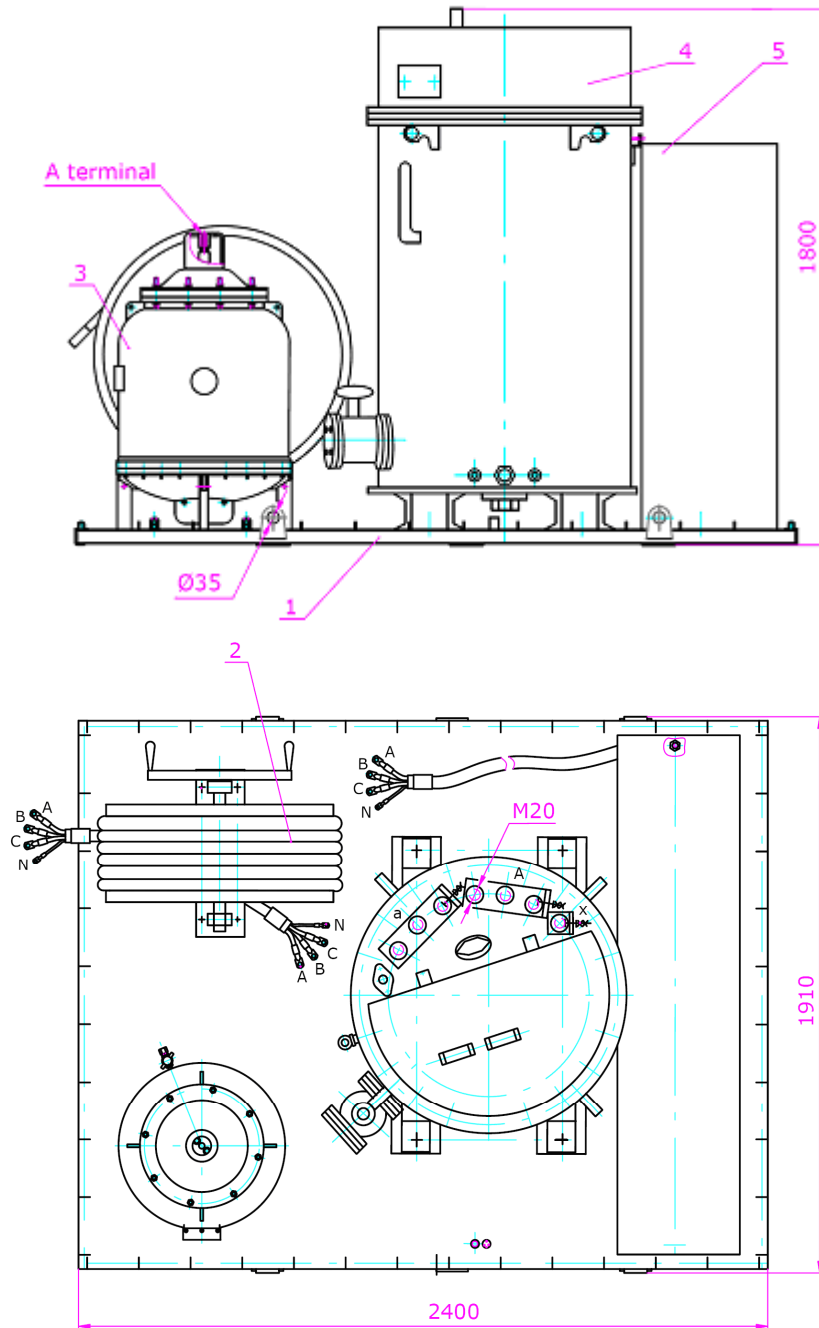
For continuous change of the voltage supplied to the test object a regulating transformer is used.

### TECHNICAL CHARACTERISTICS

Name of parameters	Units of measurement	Value
Rated voltage at the test installation input (line)	V	380
Range of operating voltages at the test installation output (single-phase voltage)	V	from 1000 to 24500
Maximum secondary voltage of the test installation	kV	25
Rated transformation ratio of step-up transformer		63.5
Maximum current at high voltage side	A	4.1
Maximum load capacity	kVA	100
Rated frequency	Hz	50
Operating mode of the test installation		repeat-short-term
Mass	kg	2850

On agreement between the Manufacturer and the Customer the above parameters and characteristics can be changed.

# UISG-25-I GAS-FILLED STATIONARY TEST INSTALLATION



1 – base; 2 – drum (with a cable); 3 – step-up transformer; 4 – regulating transformer; 5 – control block

**Figure – Gas-filled stationary test installation UISG-25-I**



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