



## ► Application

The High Voltage Test System HVTS-HPP-series perform 50 Hz AC and DC high-voltage testing up to 140 kV of objects with low to medium electric capacitance, including power cables, power cable accessories, switchgear, reclosers, dielectric insulators, high-voltage dischargers (arresters), bus-bars and other dielectric materials.

## ► Technical specifications

Parameter	HVTS-HPP 70/55-7.5 (17.5)	HVTS-HPP 70/100-7.5 (17.5)	HVTS-HPP 100/100-7.5 (17.5)	HVTS-HPP 140/100-7,5 (17.5)
Output AC voltage, kV	3 – 55		3 – 100	
Output DC voltage, kV		3 – 70	3 – 100	3 – 140
Output AC current, mA	1 – 130* (1 – 300*)		1 – 75* (1 – 175*)	
Output DC current, mA	1 – 90 (1 – 200)	1 – 30 (1 – 65)	1 – 40 (1 – 90)	1 – 55 (1 – 125)
Output AC voltage protection, kV	3 – 55		3 – 100	
Output DC voltage protection, kV		3 – 70	3 – 100	3 – 140
Output current protection, mA	1 – 300		1 – 175	
Consumption current protection, A			40 (80)	
Current measurement accuracy, %			± 3	
Interface languages	Russian, English (Turkish, Polish, French, etc. on request)			
Input voltage, V	230 ± 10 %			
Frequency, Hz	50 ± 1 (60 – on request)			
Output power, kVA, max	7.5 (17.5)			

Parameters for a 17.5 kVA model of HVTS-HPP are given in parenthesis.



HVTS-HPP control panel



HVTS-HPP high voltage unit



HVTS-HPP control unit



AC testing mode



DC testing mode