

High-Voltage tester

HVTS-70/50 (L)



HVTS-70/50 (L) control panel

MAIN FEATURES:

- Automatic testing mode
- High resistance to external environmental influences
- Mobility
- Advanced protection and safety
- High measurements precision
- High-contrast graphical display
- Overcurrent & overvoltage protection
- Internal memory for test results storage
- Auxiliary protection
- Operator protection



> HIGH VOLTAGE CABLE TESTING > Insulation testing unit



high voltage
testing equipment



► Application

HVTS tester perform DC high-voltage testing of power cables (IEC 60502-2), power cables accessories (IEC 61442) as well as AC high-voltage testing of switchgear, reclosers, dielectric insulators, high-voltage dischargers (arresters), busbars and other dielectric materials with relatively low electric capacitance.

► Technical specifications

Parameter	HVTS-70/50 (L)	
	DC	AC
Max. output voltage, kV	70	50
Max. output current, mA	25	40
Output voltage measuring range, kV	3 – 70	
Output current measuring range, mA	1 – 25	1 – 40
Measurement error, %, max	± 3 (of reading)	
Voltage raising rate, kV/s	manual / 0.5 – 4	
Timer max. value, minutes	60	
Supply voltage, V	230 ± 23	
Frequency, Hz	50 ± 1	
HVU input overcurrent protection max. limit, A	10	
Voltage that triggers the overvoltage protection, kV, max	72	52
Power consumption, kVA, max	3	
Control unit weight, kg, max	14	
HVU weight, kg, max	35	
Control unit dimensions, mm, max	349 × 256 × 240	
HVU dimensions, mm	360 × 500 × 310	
Operating Conditions		
Air temperature, °C	-10 to +40	
Relative humidity, %	up to 85 at +25 °C	
Atmospheric pressure, kPa (mm hg)	84.0 – 106.7 (630 – 800)	

KEP reserves right to make changes into specifications.

