

INSULATION

Test Voltage range	50 V ... 10 kV
Measuring range	10 k Ω ... 20 T Ω
Voltage steps	50 V (50 V ... 1 kV) and 100 V (1 kV ... 10 kV)
Step voltage test	in 5 steps
Timer	Max. 100 min
Short circuit / charge current	5 mA \pm 10 %
Charging rate for capacitive load	< 3 s / μ F at 10 kV
Discharging rate for capacitive load	< 0,25 s / μ F at 10 kV

VOLTAGE AND FREQUENCY

Voltage AC/DC	5 V ... 550 V
Frequency	10 Hz ... 500 Hz

ACCURACY

Insulation	\pm (5 % of reading + 3 digits) up to 1T \pm (15 % of reading + 1 digits) from 1T ... 20T
Test voltage	-0%, +10% \pm 10 V
Trms Voltage	\pm (2 % of reading +2 digits)
Frequency	\pm (0.2 % of reading +1 digit)
Capacitance	\pm (5 % of reading +3 digits)

DISPLAY

Graphic display	320 x 240 dot matrix LCD with backlit
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MEMORY, SOFTWARE AND COMMUNICATION

USB and RS232 COM ports	galvanic separated, 9600 bps
Bluetooth interface	115 kbps
Memory size	4 MB
Software	HVLink PRO PC Software

SAFETY AND PROTECTION

IP	65 (case closed)
Safety category	CAT IV / 600 V

POWER SUPPLY

Rechargeable batteries	Lead-Acid, LC-R123R4PG
Battery life	4 h at 10 kV

DIMENSIONS

Weight	6.5 kg
Dimensions (w x h x d)	360 x 160 x 330 mm