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DATA-SHEET



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WHY BUY
WHEN YOU CAN HIRE

- VLF
- DC
- Jacket/Sheath
- Fault conditioning

HVA60

Portable and universal VLF High Voltage Test Set

Large output load capability up to 10 μF ¹

The high power HVA60 Test System is capable of testing cables up to 3,300 m (1 μF at 0.1 Hz and 44 kV rms).

The variable output frequency allows the testing of even much longer cables. At 10 μF – 0.01 Hz and 44 kV rms a length of approx 33,000 m can be tested (see technical data).



Type	HVA60	
Article number	SH0203	
Input Voltage	110 – 240 V 50/60 Hz (1.5 kVA)	
Output Voltage	Sinusoidal	0 – 62 kV peak, 44 kV rms
	DC	± 0 – 60 kV
	Squarewave	60 kV
	Accuracy	$\pm 1\%$
	Resolution	0.1 kV
Output Current	0 – 40 mA (Resolution 1 μA) Accuracy: $\pm 1\%$	
Resistance Range	0.1 M Ω ...5 G Ω	
Output Frequency	0.01 ... 0.1 Hz in steps of 0.01 Hz (default 0.1 Hz) – auto frequency selection	
Output Load	1.0 μF @ 0.1 Hz @ 44 kV rms (Approx 3,300 m of cable) ² 2.0 μF @ 0.05 Hz @ 44 kV rms (Approx 6,600 m of cable) ² 5.0 μF @ 0.02 Hz @ 44 kV rms (Approx 16,600 m of cable) ² 10 μF maximum Capacitance! ¹	
Output Modes	AC (VLF) Symmetrical and load independent across full range, DC (plus or negative polarity), Burn-/ Fault Condition or Fault Trip Mode, Jacket / Sheath Testing	
Safety	50 Hz 12 kV Feedback Protection / Discharge unit	
Memory	50 Test Records Stored	
Metering	Voltage an Current (True rms and / or peak), Capacitance, Resistance, Time, Flashover Voltage	
Duty	Continuous! No thermal limitation for operating time.	
HV Cable	5 m with Alligator clamps on end (other options available on request)	
Software	„HVA Control Center“	
Computer interfaces	RS232	•
	USB	Flash Drive (Option)
Environmental conditions	Storage: -25°C to + 70°C, Operating: -5°C to + 45°C	
Dimensions L x W x H	450 x 340 x 520 mm	
Weight	57 kg	
Upgrades (Optional)	Tan Delta TD60 and Partial Discharge System PD60	

¹ At lower frequency and voltage

² Based on a typical cable: 300 pF/m

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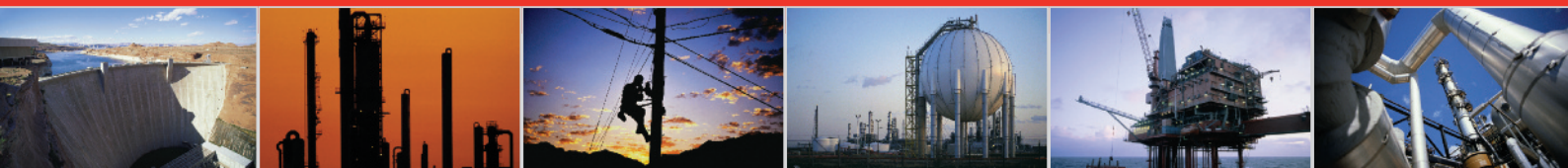
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DHV1210 Rev01
ENGLISH

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You can take advantage of expert advice to ensure you get the best, most appropriate and cost effective equipment for the job. We supply a wide variety of industries, so if there is another way to do the job or save you time and money we'll pass on the benefit of our experience for free.

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If we don't have a particular item, rather than hiring you something that won't do the job, we would rather direct you to an alternative supplier. You will always be provided with full instructions and if you still need help, call our technical team on Nationwide Low Call 0333 6000 600. Our aim is to save you time, frustration and money.

Top quality equipment from major manufacturers.

With Inlec you'll get the most accurate, reliable and well-maintained equipment available. Prices are regularly reviewed to ensure you always enjoy the best value for money. We have made a significant investment in test equipment so we ensure that it's well packed to minimise damage and delay.

We really do listen to you.

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1 GUARANTEE SAME DAY DESPATCH

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Inlec guarantee you real value for money. Our price match policy is simple - if you can hire the same product for less elsewhere, we guarantee to match that price and reduce it by a further 10% of the difference - and still deliver our industry leading technical and customer support.

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3 TOP QUALITY GUARANTEED

All equipment is thoroughly checked prior to dispatch to ensure you receive it in full, safe working order. Your shipment will be securely packed and include manufacturer's instructions, accessories or consumables and a valid calibration certificate where appropriate. In addition, Inlec offer a 24 hour replacement service if you decide the equipment is not suitable for your application*.

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*subject to availability and conditions

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