

X-Wave

Primary Cable Fault Locator

■ The **HAEFELY HIPOTRONICS X-WAVE** is the most safe, powerful, and advanced cable fault-locating tool on the market for sectionalizing Underground Residential Distribution (URD) loop feed installations. Combined with the **HAEFELY HIPOTRONICS H-FLASH**, it makes fault locating of URD cable systems simple.

This self-contained, battery operated and weather-proof fault locator is equipped with a microprocessor-based control system, as well as large push buttons for user-friendly operation. The emergency stop button, isolated return, and unique mechanical design ensure user safety.

The X-WAVE is specifically designed to shorten restoration time and increase productivity for a wide range of customers.

FEATURES

- Automatic identification** of cable length and fault distance
- Quick fault location**
- Accessible internal memory** for cable trace storage
- Large LCD display**
- Intuitive step-by-step instructions**
- Multi-Language** options
- Large, easy-to-use** buttons
- Adjustable output** from 500V - 10kV DC

BENEFITS

- Isolated return and secure grounding** ensure safe operation.
- Multi-purpose device** with the ability to pre-locate, locate and diagnose cable faults.
- Easy to use controls** guide user through test procedure.
- USB port** to download waveforms and evaluate test results.
- Reduce outage time** by quickly locating cable faults and restoring power.
- Reduce cable damage** with TDR pre-location technology.

APPLICATIONS

These devices are generally used by:

- Electrical Utilities
- Test Companies
- Petrochemical
- Mining Facilities
- Facility Maintenance



DATA-SHEET

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Honest advice, just a phone call away!

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.

You won't waste your time contacting Inlec. Every request for equipment is logged and carefully considered. Listening to our customer's helps keep our product range up to date and relevant. If you are unhappy about any aspect of our service please let us know so we can put it right.

YOUR 5 WAY GUARANTEE

1. GUARANTEE SAME DAY DISPATCH

We understand why prompt delivery is important to you. So, we confirm your order before spin, you are guaranteed same day dispatch.

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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.

For full details check our price-match guarantee website

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4. FRIENDLY, KNOWLEDGEABLE ADVICE GUARANTEED

Inlec are happy to provide you with free advice, from an unbeatable team of experienced, knowledgeable and friendly engineers and hire experts.

5. YOUR GUARANTEE OF THE BEST CUSTOMER SERVICE

Throughout your hire we will work hard to ensure you enjoy the very best in support and service from Inlec. We guarantee you won't find better service anywhere in the industry.

*subject to availability and conditions

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Inlec UK: Elstree Way, Stokenley Business Park, Stokenley N. Yorkshire TS9 5LZ United Kingdom



HAEFELY
HIPOTRONICS



TECHNICAL SPECIFICATIONS

Model Number	X-WAVE	
System Output	500V - 10kV, 12.5mA (max)	
Pulse	Amplitude	160V, 50Ω
	Width	50 - 400nsec
Maximum Energy	350J	
Repetition Rate	6 sec @ max voltage	
Sampling Rate	80MHz	
Accuracy	± 1% of total cable length	
Cable Range	50ft - 10,000ft (15m - 3km)	
Operational Modes	Arc Reflection (High Voltage TDR)	
	Direct TDR (Low Voltage TDR)	
	DC Hipot	
	Capacitive Discharge/Impulse (Thump)	
Display	Trans-Reflective, mono-chrome LCD monitor, 6.5 in (16.5cm)	
Battery	Duration	Minimum 1hr continuous use @ max voltage
	Type	24V DC, Rechargeable
Temperature	Operating	10°F - 122°F (-12°C - 50°C)
	Storage	-40°F - 140°F (-40°C - 60°C)
Dimensions (W x H x D)	16.5 x 17.5 x 9 in (41.9 x 44.5 x 22.9 cm)	
Weight	Net	42lbs (19kg)
	Shipping	50lbs (22.5kg)
Included Accessories	High Voltage Output & Ground Cables, 15ft (3m) Battery Charging Cable, 100/240V, 6ft (1.8m) User's Manual Calibration Certificate	

SYSTEM CONTROLS



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ADDITIONAL EQUIPMENT & ACCESSORIES

Part Number	Description
X-WAVE-BATTERY	Extra Auxiliary Battery Pack
X-WAVE-POWER	Auxiliary AC Power Adapter (Allows users to run the equipment while charging simultaneously.)
H-FLASH	Digital Acoustic/Ballistic Listening Device
EXT-WARN-1	One year extended warranty



*H-FLASH
Digital Acoustic/Ballistic
Listening Device
(pictured left)*

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