

# HORIZON II

## Bench Top Wiring Analyser



The Horizon II is the next-generation Horizon wiring analyser.

Clare have completely repackaged it to make the user experience even better and improve its overall test performance.

All H2 models enable 128-point testing with modular expansion capability up to 1024 points capable of switching 1A and hipot testing up to 1500 VDC and/or 1067 VAC. Standard test capability includes fault location, automatic product learning, component detection and real-time intermittent open/short detection.

Its key features include: a fully updated Windows-based user environment, colour touch-screen, real-time temperature and humidity monitoring, expanded I/O, flash disk data storage and improved ergonomics.

Operators will appreciate its oversized, colour touch-screen, built-in 'START' and 'STOP' buttons, and onscreen user advice which makes it easy to program and test. H2 software accepts and runs any Horizon test program, so you don't need to recreate test programs when you move to it.

Networked, integrated or used as a standalone tester, Horizon II provides virtually unlimited data storage and reporting capabilities with built-in flash disk and label printer support.

The all-in-one Horizon II offers an unrivalled diversity of test scenarios in a portable wiring analyzer.

### Key Features

- Built in PC and flash drive for independent or networked operation
- Fault location test
- Component detection
- Onscreen help
- Supplied with 128 high voltage test points
- AC Flash / Hipot test
- DC Flash / Hipot test



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## SPECIFICATION

### Functions

AC Flash/Hipot	1067V
DC Flash/Hipot	1500V
Measurement Speed	500 point net in less than a second
Continuity Threshold	300Ω
Isolation Threshold	80 Ω
Load/Run Test	120V/240V AC, 15A

### Low Voltage Resistance Measurements

	Range	Accuracy	Resolution
2W <sup>(2)</sup>	0.1Ω to <2MΩ	±2.5%, ±20mΩ (HC/FHC)	1mΩ or 3 digits
	0.1Ω to <2MΩ	±5.0%, ±50mΩ (MSR)	1mΩ or 3 digits
	2MΩ to <10MΩ	±7.0%, ±1KΩ	3 digits
	10MΩ to <25MΩ	±15.0%, ±10KΩ	3 digits
	25MΩ to <50MΩ	±30.0%, ±10KΩ	3 digits
4W <sup>(2)</sup>	10mΩ to <400Ω	±2.5%, ±20mΩ	1mΩ or 3 digits
	MSR 10mΩ to <400MΩ	±3.5%, ±30mΩ (>128 points)	1mΩ or 3 digits
4W HCS	1mΩ to <400Ω	±2.5%, ±1mΩ	1mΩ or 3 digits
4W FCS	1mΩ to <400Ω	±2.5%, ±1mΩ	1mΩ or 3 digits
Comp- liance	50pF to 1μF	±4.0%, ±2pF	1mΩ or 3 digits
	1μF to 10,000μF	±10.0%, ±1pF	3 digits

## ADDITIONAL INFORMATION

Dimensions	532W x 175H x 278D mm
Weight	15Kg (33 lbs) - main unit 5Kg (11 lbs) - expansion box
Supply Voltage	110/220VAC, 50/60 Hz, 1A

### Supplied With

Ground probe  
Instruction manual  
AC power pack  
Calibration certificate  
One-year warranty

## Optional Extras

### Hardware

Full range of product adapters  
Custom adapter kits  
Expansion boxes in 128-point increments with cable lengths of 3', 6', 9' and 15'  
Tools for periodic verification of system calibration  
1A/28VDC programmable high-current source  
Handheld digital probe for remote probing of product under test  
TCL scripting language  
Simplex and Kelvin test adapters  
NB: Customers should request above accessories, if required

### Services

Onsite return to base  
Service  
Calibration

### Order Number

Model	VAC	VDC	HC
HV1-H2	-	1000	1A fixed
HV2-H2	-	1500	1A Fixed
HV3-H2	1067	-	1A Fixed
HV4-H2	1067	1500	1A Fixed
HV5-H2	1067	1000	1A Fixed
HV6-H2	-	-	1A Fixed



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