



EZX Series of Cable & Wire Harness Analyzers



FIRST DEVELOPED IN 1995 AND CURRENTLY MANUFACTURING THE THIRD GENERATION

Based on the robust and reliable *Horizon* platform, the *EZX* series of benchtop analyzers are Nexeya's response to customers seeking an economical yet powerful and expandable solution for their cable and wire harness test requirements.

Offering up to 1500VDC and 1000VAC, the *EZX* provides the measurement and high voltage capabilities required by cable and wire harness manufacturers to validate the connectivity and dielectric withstand of their finished products.

With one of the smallest footprints in the industry, the *EZX* is ideal for 128 test point applications and is expandable to 1024 test points in 128 test point increments.

Whether networked, integrated or used as a standalone tester, the *EZX* provides virtually unlimited data storage and reporting capability.

EZX IS COMPACT, FAST AND EASY TO USE

This all-in-one easy to use tester offers an unrivaled diversity of test scenarios in a portable wiring analyzer.

All *EZX* models enable 128-point testing with modular expansion capability up to 1024 points and is capable of switching 1A and HiPot testing up to 1500VDC and/or 1000VAC.

Serving all markets for assembly, production, general test and in-service validation and verification solutions.

KEY FEATURES INCLUDE:

- Expandable to 1024 test points
- Embedded Windows-based user environment
- Colour touch-screen user interface
- Built-in PC with flash drive and network capability
- Built-in test "START" and "STOP" buttons
- High speed testing with "Mass Hipot" and "Mass Isolation"
- Bar code capability for loading test programs
- Real-time temperature and humidity monitoring
- Auto-start test when product is loaded
- Auto-learn from known good product
- Flex test for intermittent failures
- Easily portable
- Capable of complex testing
- 3 digital inputs or outputs for PLC control

BALANCING POWER AND PERFORMANCE WITH FLEXIBILITY & EASE OF USE

EZX SERIES OF BENCHTOP CABLE & WIRE HARNESS ANALYZERS



MODELS

BASE UNITS

EZX1510-HV1	1500VDC, 1A/4.2VDC
EZX1510-HV2	1500VDC, 1000VAC, 1A/4.2VDC
EZX1510-HVHC1	1500VDC, 1A/28VDC
EZX1510-HVHC2	1500VDC, 1000VAC, 1A/28VDC
EZX1510-LV	Low Voltage

FEATURES

SYSTEM CAPABILITIES

- High speed testing with Mass Hipot and Mass Isolation
- Bar code capability for loading test programs
- Real-time temperature and humidity monitoring

TEST CAPABILITIES

- Auto-start test when product is loaded
- Auto-learn from known good product
- Flex test for intermittent failures
- Twisted pair verification
- Resistors, capacitors, diodes, switches and LEDs

MEASUREMENT CAPABILITIES

LOW VOLTAGE

Continuity (2-Wire)	0.1Ω to 100KΩ, ±2.5% ±0.1Ω
Continuity (4-Wire)	25mΩ to 400Ω, ±2.5% ±2mΩ
Isolation	100KΩ to 10MΩ, ±7%
Capacitance	50pF to 1μF, ±2% ±10pF 1μF to 10mF, ±10%

HIGH VOLTAGE - DC

Voltage	50V to 1500V, ±1% ±2V
Insulation Resistance	Up to 1.5GΩ, ±5%

HIGH VOLTAGE - AC

Voltage	50V to 1000V, ±1% ±1V
Leakage Current	Up to 8mA, ±10% ±5μA

ENERGIZATION

HV1/HV2 Models	1A/4.2VDC, Fixed
HVHC1/HVHC2 Models	1A/28VDC, Programmable

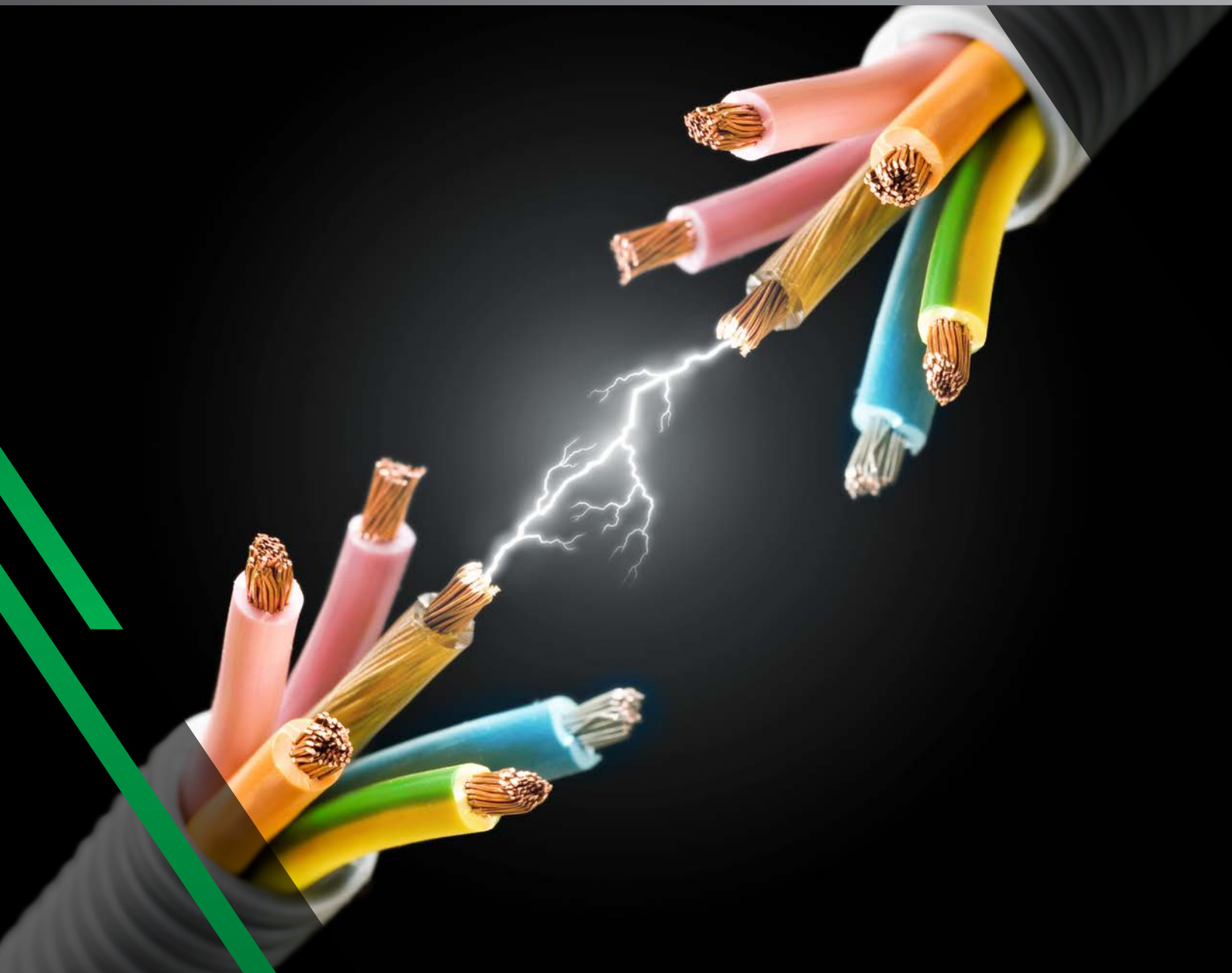
PHYSICAL SPECIFICATIONS

BASE UNIT

Power	100 - 240VAC, 50/60Hz, 1A
Dimensions	21.0"(W) x 6.9"(H) x 10.8"(D) 53.3cm(W) x 17.5cm(H) x 27.4cm(D)
Weight	Under 35lbs (16kg)

EXPANSION UNIT

Dimensions	9.5"(W) x 6.9"(H) x 10.8"(D) 24.1cm(W) x 17.5cm(H) x 27.4cm(D)
Weight	Under 13lbs (6kg)



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