#### IMPEDANCE MEASUREMENT INSTRUMENTS

- 0.08% Basic Accuracy
- Fast 15mS Measurement Speed
- Compact Size
- Easy to Use
- Manual or Automated Operation
- Better than Agilent at half the price
- 99 Storable Panel Settings
- Built in Comparator Function with External Buzzer
- Highly Visible, Dual, 4-1/2 Digit LED Displays
- Voltage & Current Monitors
- Standard RS-232C & I/O Interfaces
- · Optional GPIB or BCD Interfaces
- 3-Year Warranty

# General-Purpose Programmable LCR Meter

The Model 3525 is TEGAM's ultimate solution for applications that require low-cost, high-accuracy impedance parameter testing. Its amazingly flexible design allows it to accommodate a diverse range of testing applications including testing of capacitors, inductors, coils, resistors, materials, thermoelectric cooling devices, piezo-electric sensors and other sensors or components. The instrument is ideal for manual or automated operation.

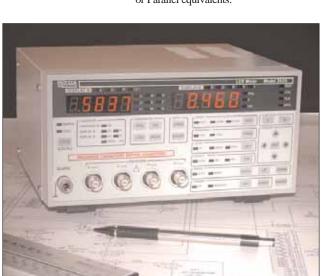
#### **Nine AC Measurement Parameters**

Up to 9 impedance parameters are easily viewed on each of the 3525's two 4-1/2 digit LED displays.

Display A provides accurate and repeatable readings of Inductance (L), Capacitance (C), Resistance (R), or Impedance (|Z|) at a basic accuracy of 0.08%!

Display B indicates measurement values for Dissipation Factor (D or Tan  $\delta$ ), Quality Factor (Q), Phase Angle ( $\theta$ ), Measurement Voltage (V) or Measurement Current (I).

All parameters are selectable from the front panel and may be measured as Series or Parallel equivalents.



#### Compact

The 3525's compact size is unprecedented and allows side-by-side mounting in standard 19" racks. It measures less than 8" X 4" X 7" (WxHxD) and weighs 5-1/2 pounds. But don't let its size fool you; the 3525 is packed with functionality and value.

#### Easy to Use

The 3525's user friendliness was implemented as a design specification. Anyone can use this device and begin taking accurate and repeatable readings immediately. The easy-to-use front panel makes instrument operation totally intuitive. There is no need to search hidden submenus to find the instrument's settings. All settings are indicated on the front panel with high visibility LEDs.

#### **Comparator with External Buzzer**

A built in GO/NO-GO comparator makes the 3525 an ideal choice for manual verification of component values for QA or manufacturing. An audible beeper increases efficiency by eliminating the need for the user to read the display. Total test time and operator errors are significantly reduced. A front panel lock feature prevents accidental changes of instruments settings.

### **High Performance at a Low Cost**

No other LCR meter has the performance density of the 3525. This innovative solution for cost-sensitive LCR applications is accurate and fast in manual or automated applications. The 3525 performs basic LCR measurements better than Agilent's "most cost effective solution," at less than half its price. The Model 3525 is backed by a full 3-year warranty and TEGAM's 30-day no risk trial. If for any reason you are not satisfied with the performance of the instrument, you can return it for full credit.



## GENERAL-PURPOSE PROGRAMMABLE LCR METER

Specifications		Comments:
Measurement Parameters		
	L (Inductance)	L ➤ 1.6000µH - 199.99kH
	C (Capacitance)	C ➤ 0.9400pF - 199.99mF
	R (Resistance)	R > $0.0100\Omega - 199.99M\Omega$
	Z  (Impedance)	$ Z  \gg 0.0100\Omega - 199.99M\Omega$
	D (Dissipation Factor / Tan Delta)	D > 0.0001 - 19.999
	Q (Quality Factor)	Q > 0.5 - 199.99
	θ (Phase Angle)	θ > -180.00° - +180.00°
	V (Inter-Terminal Voltage)	V > 0.00V - 1.00V
	I (Inter-Terminal Current)	I ➤ 0.00mA - 10.00mA
Measurement Ranges	Ten Programmable Ranges	
Typical Basic Accuracy	0.08%	Dependent Upon Test Variables and Measured
		Impedance
Measurement Frequency	1kHz, 120 Hz	±0.01% Frequency Accuracy
Output Impedance	$100\Omega \pm 10\Omega$	
Output Amplitude	50mV, 500mV, 1.00V	± (10% ± 10mV) Programmable Test Voltage
Maximum Short Circuit Current	10mA	
Measurement Ranges	0.1Ω - 100Μ Ω	10 Ranges - Auto or Manual Modes
7.6	NOTE: Measurement Ranges are based on  .	Z/. Values other than  Z/ are calculated values.
Measurement Modes	Series or Parallel Equivalent Circuit  Dual - High Visibility, 4-1/2 Digit LED Disp	Auto or Manually Selected
Displays Measurement Speed	Duai - High Visibility, 4-1/2 Digit LED Disp	*
Measurement Speed	MODE	NOTE: Measurement speed is determined by
	MEASUREMENT 120 Hz 1kHz	a number of factors. These are calculated
	FAST 40mS 15mS	measurement times based on instrument mea-
	NORMAL 90mS 50mS	surement mode and test frequency. There are three user-selectable measurement speeds.
	- Come Come	user-selectable measurement speeds.
	SLOW 360mS 250mS	
Trigger	Internal and External Triggering	External Triggering is achieved through the Front
********	22 2	
		Panel, or through rear mounted user interfaces.
Measurement Terminals	5 Terminal, Kelvin	Configuration: BNC Connectors for Kelvin and
Measurement Terminals	5 Terminal, Kelvin	Panel, or through rear mounted user interfaces.  Configuration: BNC Connectors for Kelvin and a Guard Binding Post
Measurement Terminals  Zero Offset	5 Terminal, Kelvin  Open (>1k $\Omega$ ) or Short Circuit (<1k $\Omega$ ) Null	Configuration: BNC Connectors for Kelvin and a Guard Binding Post
Measurement Terminals	5 Terminal, Kelvin  Open (>1kΩ) or Short Circuit (<1kΩ) Null HI-GO-LO	Configuration: BNC Connectors for Kelvin and a Guard Binding Post  Dual Comparator Functions for A & B Displays
Measurement Terminals  Zero Offset Comparator External Buzzer	5 Terminal, Kelvin  Open (>1kΩ) or Short Circuit (<1kΩ) Null HI-GO-LO Set for PASS/FAIL of Comparator Functions	Configuration: BNC Connectors for Kelvin and a Guard Binding Post  Dual Comparator Functions for A & B Displays
Measurement Terminals  Zero Offset Comparator	5 Terminal, Kelvin  Open (>1kΩ) or Short Circuit (<1kΩ) Null HI-GO-LO	Configuration: BNC Connectors for Kelvin and a Guard Binding Post  Dual Comparator Functions for A & B Displays
Measurement Terminals  Zero Offset Comparator External Buzzer	5 Terminal, Kelvin  Open (>1kΩ) or Short Circuit (<1kΩ) Null HI-GO-LO Set for PASS/FAIL of Comparator Functions	Configuration: BNC Connectors for Kelvin and a Guard Binding Post  Dual Comparator Functions for A & B Displays  May be stored or recalled through the front panel or remote interface.
Measurement Terminals  Zero Offset Comparator External Buzzer Stored Settings  Front Panel Key Lock	5 Terminal, Kelvin  Open (>1kΩ) or Short Circuit (<1kΩ) Null HI-GO-LO Set for PASS/FAIL of Comparator Functions 99 Stored instrument Settings  User is able to lock the front panel to prever accidental bumping of the front panel keys.	Configuration: BNC Connectors for Kelvin and a Guard Binding Post  Dual Comparator Functions for A & B Displays  May be stored or recalled through the front panel or remote interface.
Measurement Terminals  Zero Offset Comparator External Buzzer Stored Settings	5 Terminal, Kelvin  Open (>1kΩ) or Short Circuit (<1kΩ) Null HI-GO-LO Set for PASS/FAIL of Comparator Functions 99 Stored instrument Settings  User is able to lock the front panel to prever accidental bumping of the front panel keys. CONTROL I/O Connector	Configuration: BNC Connectors for Kelvin and a Guard Binding Post  Dual Comparator Functions for A & B Displays  May be stored or recalled through the front panel or remote interface.  Standard
Measurement Terminals  Zero Offset Comparator External Buzzer Stored Settings  Front Panel Key Lock	5 Terminal, Kelvin  Open (>1kΩ) or Short Circuit (<1kΩ) Null HI-GO-LO Set for PASS/FAIL of Comparator Functions 99 Stored instrument Settings  User is able to lock the front panel to prever accidental bumping of the front panel keys.  CONTROL I/O Connector RS-232C	Configuration: BNC Connectors for Kelvin and a Guard Binding Post  Dual Comparator Functions for A & B Displays  May be stored or recalled through the front panel or remote interface.  Standard Standard
Measurement Terminals  Zero Offset Comparator External Buzzer Stored Settings  Front Panel Key Lock	5 Terminal, Kelvin  Open (>1kΩ) or Short Circuit (<1kΩ) Null HI-GO-LO Set for PASS/FAIL of Comparator Functions 99 Stored instrument Settings  User is able to lock the front panel to prever accidental bumping of the front panel keys.  CONTROL I/O Connector RS-232C GPIB (IEEE-488)	Configuration: BNC Connectors for Kelvin and a Guard Binding Post  Dual Comparator Functions for A & B Displays  May be stored or recalled through the front panel or remote interface.  Standard Standard Optional PN# 3501
Measurement Terminals  Zero Offset Comparator External Buzzer Stored Settings  Front Panel Key Lock  User Interfaces	5 Terminal, Kelvin  Open (>1kΩ) or Short Circuit (<1kΩ) Null HI-GO-LO Set for PASS/FAIL of Comparator Functions 99 Stored instrument Settings  User is able to lock the front panel to prever accidental bumping of the front panel keys.  CONTROL I/O Connector RS-232C GPIB (IEEE-488) BCD Interface	Configuration: BNC Connectors for Kelvin and a Guard Binding Post  Dual Comparator Functions for A & B Displays  May be stored or recalled through the front panel or remote interface.  Standard Standard Optional PN# 3501 Optional PN# 3502
Measurement Terminals  Zero Offset Comparator External Buzzer Stored Settings  Front Panel Key Lock User Interfaces	5 Terminal, Kelvin  Open (>1kΩ) or Short Circuit (<1kΩ) Null HI-GO-LO Set for PASS/FAIL of Comparator Functions 99 Stored instrument Settings  User is able to lock the front panel to prever accidental bumping of the front panel keys.  CONTROL I/O Connector RS-232C GPIB (IEEE-488) BCD Interface Conforms with IEC 61010-1	Configuration: BNC Connectors for Kelvin and a Guard Binding Post  Dual Comparator Functions for A & B Displays  May be stored or recalled through the front panel or remote interface.  Standard Standard Optional PN# 3501 Optional PN# 3502 CE Marked
Measurement Terminals  Zero Offset Comparator External Buzzer Stored Settings  Front Panel Key Lock  User Interfaces	5 Terminal, Kelvin  Open (>1kΩ) or Short Circuit (<1kΩ) Null HI-GO-LO Set for PASS/FAIL of Comparator Functions 99 Stored instrument Settings  User is able to lock the front panel to prever accidental bumping of the front panel keys.  CONTROL I/O Connector RS-232C GPIB (IEEE-488) BCD Interface Conforms with IEC 61010-1 32°- 104°F (0 - 40°C) @ <80% RH Non-	Configuration: BNC Connectors for Kelvin and a Guard Binding Post  Dual Comparator Functions for A & B Displays  May be stored or recalled through the front panel or remote interface.  Standard Standard Optional PN# 3501 Optional PN# 3502 CE Marked Double the measurement errors for conditions
Measurement Terminals  Zero Offset Comparator External Buzzer Stored Settings  Front Panel Key Lock User Interfaces  Safety Operating Environment	5 Terminal, Kelvin  Open (>1kΩ) or Short Circuit (<1kΩ) Null HI-GO-LO Set for PASS/FAIL of Comparator Functions 99 Stored instrument Settings  User is able to lock the front panel to prever accidental bumping of the front panel keys. CONTROL I/O Connector RS-232C GPIB (IEEE-488) BCD Interface Conforms with IEC 61010-1 32°- 104°F (0 - 40°C) @ <80% RH Non-Condensing	Configuration: BNC Connectors for Kelvin and a Guard Binding Post  Dual Comparator Functions for A & B Displays  May be stored or recalled through the front panel or remote interface.  Standard Standard Optional PN# 3501 Optional PN# 3502 CE Marked Double the measurement errors for conditions outside of this range.
Measurement Terminals  Zero Offset Comparator External Buzzer Stored Settings  Front Panel Key Lock User Interfaces  Safety Operating Environment  Storage Environment	Open (>1kΩ) or Short Circuit (<1kΩ) Null HI-GO-LO Set for PASS/FAIL of Comparator Functions 99 Stored instrument Settings  User is able to lock the front panel to prever accidental bumping of the front panel keys.  CONTROL I/O Connector RS-232C GPIB (IEEE-488) BCD Interface Conforms with IEC 61010-1 32°- 104°F (0 - 40°C) @ <80% RH Non-Condensing 14°- 131°F (-10 - 55°C) @ <80% RH Non-	Configuration: BNC Connectors for Kelvin and a Guard Binding Post  Dual Comparator Functions for A & B Displays  May be stored or recalled through the front panel or remote interface.  Standard Standard Optional PN# 3501 Optional PN# 3502 CE Marked Double the measurement errors for conditions outside of this range.  Condensing
Measurement Terminals  Zero Offset Comparator External Buzzer Stored Settings  Front Panel Key Lock User Interfaces  Safety Operating Environment Storage Environment Power Requirements - User Selectable	5 Terminal, Kelvin  Open (>1kΩ) or Short Circuit (<1kΩ) Null HI-GO-LO  Set for PASS/FAIL of Comparator Functions 99 Stored instrument Settings  User is able to lock the front panel to prever accidental bumping of the front panel keys.  CONTROL I/O Connector RS-232C  GPIB (IEEE-488)  BCD Interface  Conforms with IEC 61010-1  32°- 104°F (0 - 40°C) @ <80% RH Non-Condensing  14°- 131°F (-10 - 55°C) @ <80% RH Non-100, 120, 220, & 240 VAC @ 50/60 Hz	Configuration: BNC Connectors for Kelvin and a Guard Binding Post  Dual Comparator Functions for A & B Displays  May be stored or recalled through the front panel or remote interface.  Standard Standard Optional PN# 3501 Optional PN# 3502 CE Marked Double the measurement errors for conditions outside of this range.  Condensing Consumption: 20VA ± 10%
Measurement Terminals  Zero Offset Comparator External Buzzer Stored Settings  Front Panel Key Lock  User Interfaces  Safety Operating Environment  Storage Environment Power Requirements - User Selectable Dimensions	5 Terminal, Kelvin  Open (>1kΩ) or Short Circuit (<1kΩ) Null HI-GO-LO  Set for PASS/FAIL of Comparator Functions 99 Stored instrument Settings  User is able to lock the front panel to prever accidental bumping of the front panel keys.  CONTROL I/O Connector RS-232C  GPIB (IEEE-488)  BCD Interface  Conforms with IEC 61010-1  32°- 104°F (0 - 40°C) @ <80% RH Non-Condensing  14°- 131°F (-10 - 55°C) @ <80% RH Non-100, 120, 220, & 240 VAC @ 50/60 Hz  7.88" X 3.94" X 6.70" (20 X 10 X 17 cm)	Configuration: BNC Connectors for Kelvin and a Guard Binding Post  Dual Comparator Functions for A & B Displays  May be stored or recalled through the front panel or remote interface.  Standard Standard Optional PN# 3501 Optional PN# 3502 CE Marked Double the measurement errors for conditions outside of this range.  Condensing Consumption: 20VA ± 10% W X H X D
Measurement Terminals  Zero Offset Comparator External Buzzer Stored Settings  Front Panel Key Lock  User Interfaces  Safety Operating Environment  Storage Environment Power Requirements - User Selectable Dimensions Weight	5 Terminal, Kelvin  Open (>1kΩ) or Short Circuit (<1kΩ) Null HI-GO-LO  Set for PASS/FAIL of Comparator Functions 99 Stored instrument Settings  User is able to lock the front panel to prever accidental bumping of the front panel keys.  CONTROL I/O Connector RS-232C  GPIB (IEEE-488)  BCD Interface  Conforms with IEC 61010-1  32°- 104°F (0 - 40°C) @ <80% RH Non-Condensing  14°- 131°F (-10 - 55°C) @ <80% RH Non-100, 120, 220, & 240 VAC @ 50/60 Hz  7.88" X 3.94" X 6.70" (20 X 10 X 17 cm)  5.5lb (2.5 kg)	Configuration: BNC Connectors for Kelvin and a Guard Binding Post  Dual Comparator Functions for A & B Displays  May be stored or recalled through the front panel or remote interface.  Standard Standard Optional PN# 3501 Optional PN# 3502 CE Marked Double the measurement errors for conditions outside of this range.  Condensing Consumption: 20VA ± 10% W X H X D Approximate Weight Standard Unit
Measurement Terminals  Zero Offset Comparator External Buzzer Stored Settings  Front Panel Key Lock  User Interfaces  Safety Operating Environment  Storage Environment Power Requirements - User Selectable Dimensions	5 Terminal, Kelvin  Open (>1kΩ) or Short Circuit (<1kΩ) Null HI-GO-LO Set for PASS/FAIL of Comparator Functions 99 Stored instrument Settings  User is able to lock the front panel to prever accidental bumping of the front panel keys.  CONTROL I/O Connector RS-232C GPIB (IEEE-488) BCD Interface Conforms with IEC 61010-1 32°- 104°F (0 - 40°C) @ <80% RH Non-Condensing 14°- 131°F (-10 - 55°C) @ <80% RH Non-100, 120, 220, & 240 VAC @ 50/60 Hz 7.88" X 3.94" X 6.70" (20 X 10 X 17 cm) 5.5lb (2.5 kg) Operation Manual	Configuration: BNC Connectors for Kelvin and a Guard Binding Post  Dual Comparator Functions for A & B Displays  May be stored or recalled through the front panel or remote interface.  Standard Standard Optional PN# 3501 Optional PN# 3502 CE Marked Double the measurement errors for conditions outside of this range.  Condensing Consumption: 20VA ± 10% W X H X D Approximate Weight Standard Unit PN # 3525-900-01CD
Measurement Terminals  Zero Offset Comparator External Buzzer Stored Settings  Front Panel Key Lock  User Interfaces  Safety Operating Environment  Storage Environment Power Requirements - User Selectable Dimensions Weight	5 Terminal, Kelvin  Open (>1kΩ) or Short Circuit (<1kΩ) Null HI-GO-LO Set for PASS/FAIL of Comparator Functions 99 Stored instrument Settings  User is able to lock the front panel to prever accidental bumping of the front panel keys.  CONTROL I/O Connector RS-232C GPIB (IEEE-488) BCD Interface Conforms with IEC 61010-1  32°- 104°F (0 - 40°C) @ <80% RH Non-Condensing 14°- 131°F (-10 - 55°C) @ <80% RH Non-100, 120, 220, & 240 VAC @ 50/60 Hz 7.88" X 3.94" X 6.70" (20 X 10 X 17 cm) 5.51b (2.5 kg) Operation Manual Kelvin Klips	Configuration: BNC Connectors for Kelvin and a Guard Binding Post  Dual Comparator Functions for A & B Displays  May be stored or recalled through the front panel or remote interface.  Standard Standard Optional PN# 3501 Optional PN# 3502 CE Marked Double the measurement errors for conditions outside of this range.  Condensing Consumption: 20VA ± 10% W X H X D Approximate Weight Standard Unit PN # 3525-900-01CD PN # 47454
Measurement Terminals  Zero Offset Comparator External Buzzer Stored Settings  Front Panel Key Lock  User Interfaces  Safety Operating Environment Storage Environment Power Requirements - User Selectable Dimensions Weight Included Accessories	5 Terminal, Kelvin  Open (>1kΩ) or Short Circuit (<1kΩ) Null HI-GO-LO Set for PASS/FAIL of Comparator Functions 99 Stored instrument Settings  User is able to lock the front panel to prever accidental bumping of the front panel keys. CONTROL I/O Connector RS-232C GPIB (IEEE-488) BCD Interface Conforms with IEC 61010-1 32°- 104°F (0 - 40°C) @ <80% RH Non-Condensing 14°- 131°F (-10 - 55°C) @ <80% RH Non-100, 120, 220, & 240 VAC @ 50/60 Hz 7.88" X 3.94" X 6.70" (20 X 10 X 17 cm) 5.51b (2.5 kg) Operation Manual Kelvin Klips Grounded Power Cord	Configuration: BNC Connectors for Kelvin and a Guard Binding Post  Dual Comparator Functions for A & B Displays  May be stored or recalled through the front panel or remote interface.  Standard Standard Optional PN# 3501 Optional PN# 3502 CE Marked Double the measurement errors for conditions outside of this range.  Condensing Consumption: 20VA ± 10% W X H X D Approximate Weight Standard Unit PN # 3525-900-01CD PN # 47454 PN # 161006600
Measurement Terminals  Zero Offset Comparator External Buzzer Stored Settings  Front Panel Key Lock  User Interfaces  Safety Operating Environment  Storage Environment Power Requirements - User Selectable Dimensions Weight	5 Terminal, Kelvin  Open (>1kΩ) or Short Circuit (<1kΩ) Null HI-GO-LO  Set for PASS/FAIL of Comparator Functions 99 Stored instrument Settings  User is able to lock the front panel to prever accidental bumping of the front panel keys.  CONTROL I/O Connector  RS-232C  GPIB (IEEE-488)  BCD Interface  Conforms with IEC 61010-1  32°- 104°F (0 - 40°C) @ <80% RH Non-Condensing  14°- 131°F (-10 - 55°C) @ <80% RH Non-100, 120, 220, & 240 VAC @ 50/60 Hz  7.88" X 3.94" X 6.70" (20 X 10 X 17 cm)  5.51b (2.5 kg)  Operation Manual Kelvin Klips  Grounded Power Cord  Radial Lead Adapter	Configuration: BNC Connectors for Kelvin and a Guard Binding Post  Dual Comparator Functions for A & B Displays  May be stored or recalled through the front panel or remote interface.  Standard Optional PN# 3501 Optional PN# 3502 CE Marked Double the measurement errors for conditions outside of this range.  Condensing Consumption: 20VA ± 10% W X H X D Approximate Weight Standard Unit PN # 3525-900-01CD PN # 47454 PN # 161006600 PN # 3510
Measurement Terminals  Zero Offset Comparator External Buzzer Stored Settings  Front Panel Key Lock  User Interfaces  Safety Operating Environment Storage Environment Power Requirements - User Selectable Dimensions Weight Included Accessories	Open (>1kΩ) or Short Circuit (<1kΩ) Null HI-GO-LO Set for PASS/FAIL of Comparator Functions 99 Stored instrument Settings  User is able to lock the front panel to prever accidental bumping of the front panel keys.  CONTROL I/O Connector RS-232C GPIB (IEEE-488) BCD Interface Conforms with IEC 61010-1 32°- 104°F (0 - 40°C) @ <80% RH Non-Condensing 14°- 131°F (-10 - 55°C) @ <80% RH Non-100, 120, 220, & 240 VAC @ 50/60 Hz 7.88" X 3.94" X 6.70" (20 X 10 X 17 cm) 5.5lb (2.5 kg) Operation Manual Kelvin Klips Grounded Power Cord Radial Lead Adapter Chip Tweezers	Configuration: BNC Connectors for Kelvin and a Guard Binding Post  Dual Comparator Functions for A & B Displays  May be stored or recalled through the front panel or remote interface.  Standard Standard Optional PN# 3501 Optional PN# 3502 CE Marked Double the measurement errors for conditions outside of this range.  Condensing Consumption: 20VA ± 10% W X H X D Approximate Weight Standard Unit PN # 3525-900-01CD PN # 47454 PN # 161006600 PN # 3510 PN # 2005B
Measurement Terminals  Zero Offset Comparator External Buzzer Stored Settings  Front Panel Key Lock  User Interfaces  Safety Operating Environment Storage Environment Power Requirements - User Selectable Dimensions Weight Included Accessories	Open (>1kΩ) or Short Circuit (<1kΩ) Null HI-GO-LO Set for PASS/FAIL of Comparator Functions 99 Stored instrument Settings  User is able to lock the front panel to prever accidental bumping of the front panel keys.  CONTROL I/O Connector RS-232C GPIB (IEEE-488) BCD Interface Conforms with IEC 61010-1 32°- 104°F (0 - 40°C) @ <80% RH Non-Condensing 14°- 131°F (-10 - 55°C) @ <80% RH Non-100, 120, 220, & 240 VAC @ 50/60 Hz 7.88" X 3.94" X 6.70" (20 X 10 X 17 cm) 5.5lb (2.5 kg) Operation Manual Kelvin Klips Grounded Power Cord Radial Lead Adapter Chip Tweezers Chip Test Fixture	Configuration: BNC Connectors for Kelvin and a Guard Binding Post  Dual Comparator Functions for A & B Displays  May be stored or recalled through the front panel or remote interface.  Standard Standard Optional PN# 3501 Optional PN# 3502 CE Marked Double the measurement errors for conditions outside of this range.  Condensing Consumption: 20VA ± 10% W X H X D Approximate Weight Standard Unit PN # 3525-900-01CD PN # 47454 PN # 161006600 PN # 3510 PN # 2005B PN # 3511
Measurement Terminals  Zero Offset Comparator External Buzzer Stored Settings  Front Panel Key Lock  User Interfaces  Safety Operating Environment Storage Environment Power Requirements - User Selectable Dimensions Weight Included Accessories	Open (>1kΩ) or Short Circuit (<1kΩ) Null HI-GO-LO Set for PASS/FAIL of Comparator Functions 99 Stored instrument Settings  User is able to lock the front panel to prever accidental bumping of the front panel keys.  CONTROL I/O Connector RS-232C GPIB (IEEE-488) BCD Interface Conforms with IEC 61010-1 32°- 104°F (0 - 40°C) @ <80% RH Non-Condensing 14°- 131°F (-10 - 55°C) @ <80% RH Non-100, 120, 220, & 240 VAC @ 50/60 Hz 7.88" X 3.94" X 6.70" (20 X 10 X 17 cm) 5.5lb (2.5 kg) Operation Manual Kelvin Klips Grounded Power Cord Radial Lead Adapter Chip Tweezers	Configuration: BNC Connectors for Kelvin and a Guard Binding Post  Dual Comparator Functions for A & B Displays  May be stored or recalled through the front panel or remote interface.  Standard Standard Optional PN# 3501 Optional PN# 3502 CE Marked Double the measurement errors for conditions outside of this range.  Condensing Consumption: 20VA ± 10% W X H X D Approximate Weight Standard Unit PN # 3525-900-01CD PN # 47454 PN # 161006600 PN # 3510 PN # 2005B

This data sheet was current when it was produced. However, products are constantly being updated and improved. Because of this some differences may occur between the descriptions herein and the current product. Prices and specifications may be changed without notice.

