

企业简介

COMPANY INTRODUCTION

公司简介



深圳市世家仪器有限公司是中国知名的仪器仪表产品代理商、系统集成商和综合服务商之一。公司在华北、东北和华东地区建立了广泛的销售和服务网络。

作为行业领先者，世家仪器代理销售众多知名品牌，包括 KEYSIGHT 安捷伦、TEKTRONIX 泰克、FLUKE 福禄克、HIOKI 吉时利等。专注于高频仪器仪表，如信号发生器、LCR 测试仪、示波器、电源、频率计、功率计、音频分析仪等。

我们的客户遍布高等院校、科研院所、电子制造业等各个行业。根据客户的需求，提供行业应用的完整测试解决方案，并为国内客户提供国际通行的高端电子测试仪器租赁解决方案。同时作为综合服务商，世家仪器集销售、维修和租赁于一体。我们秉承“诚信第一，用户至上”的原则，致力于以科技铸就品牌、以品质开拓市场。竭诚为海内外客户提供卓越的服务。我们承诺为客户提供更经济丰富的产品选择和更有效全面的专业服务。无论您的需求是什么，世家仪器将成为您可信赖的合作伙伴，为您提供优质的仪器仪表产品和解决方案。

企业文化

价值观

用户第一 / 品质保障
诚信正直 / 乐观坚韧

愿景

我们追求卓越的品质和完美的客户体验，不断推动行业发展，为客户的成功和成长提供支持。通过持续的合作和协作，与客户共同发展，成为用户信赖的长期伙伴。

联系我们

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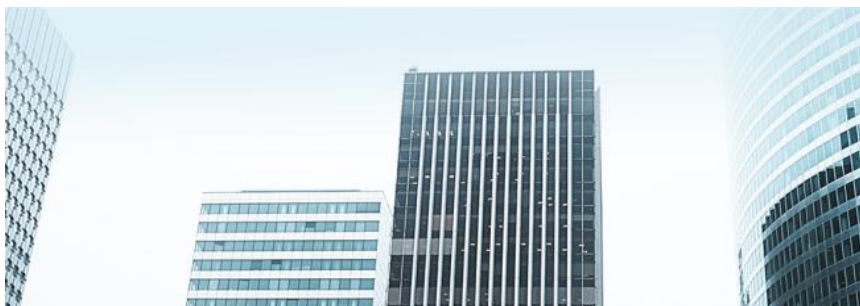
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Current Probes

A621 & A622 Datasheet



The A600 Series current probes are specifically designed to support measurements with the TekMeter[®] or oscilloscope.

Features and benefits

- A621
 - AC – 5 Hz to 50 kHz
 - 100 mA to 2000 A peak
 - For DMMs and oscilloscopes
 - Clamp on

- A622
 - AC/DC – 100 kHz
 - 50 mA to 100 A peak
 - For DMMs and oscilloscopes

Applications

- Motor drives
- Inverters
- Power supplies
- Avionics

A621 2000 Amp AC Current probe/BNC

This industrial-style clamp-on probe has a BNC connector and can be used with a shrouded banana plug adapter¹ so it can be used on digital multimeters, TekMeter, and oscilloscopes. The A621 can measure AC currents from 100 mA to 2000 A peak over a frequency range of 5 Hz to 50 kHz. It provides a 1 mV, 10 mV, or 100 mV output for each Amp measured.

A622 100 Amp AC DC Current probe/BNC

This "long nose" style clamp-on probe uses a Hall Effect current sensor to provide a voltage output to oscilloscopes. It has a BNC connector and can be used with a shrouded banana plug adapter¹ so it can also be used on digital multimeters, TekMeter, and oscilloscopes. The A622 can measure AC/DC currents from 50 mA to 100 A peak over a frequency range of DC to 100 kHz. It provides 10 mV or 100 mV output for each Amp measured.

Recommended products

TPS2000, TDS1000B, TDS2000C, and TDS3000C Series oscilloscopes and DMM4020¹, DMM4040¹, and DMM4050¹ digital multimeters.

¹ For instruments with banana jack inputs, Tektronix part number 012-1450-00 Female BNC to banana lead adapter is required.

Specifications

All specifications are guaranteed unless noted otherwise. All specifications apply to all models unless noted otherwise.

Characteristic	A621	A622
Frequency range	5 Hz to 50 kHz	DC to 100 kHz
Maximum input current	2000 A peak	100 A peak
Output	1 mV/A, 10 mV/A, 100 mV/A	10 mV/A, 100 mV/A
Maximum conductor diameter	54 mm (2.13 in.)	11.8 mm (0.46 in.)
Termination	BNC ¹	BNC ¹
Maximum bare-wire voltage	600 V (CAT III)	600 V (CAT III)
Safety	UL3111-2-032, CSA1010.2.032, EN61010-2-032, IEC61010-2-032	UL3111-2-032, CSA1010.2.032, EN61010-2-032, IEC61010-2-032

Ordering information

A621	2000 A AC Current probe/BNC.
A622	100 A AC/DC Current probe/BNC.

Recommended accessories

012-1450-xx	Adapter, lead; discrete – MLD, 2, 18 AWG, dual insul, BNC, female X 4 mm dual insul; banana jack X dual insul plug, shield banana
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Options

Service options

Opt. R3	Repair Service 3 Years (including warranty)
Opt. R5	Repair Service 5 Years (including warranty)



Tektronix is registered to ISO 9001 and ISO 14001 by SRI Quality System Registrar.

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For Further Information. Tektronix maintains a comprehensive, constantly expanding collection of application notes, technical briefs and other resources to help engineers working on the cutting edge of technology. Please visit www.tek.com.

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