Release Notes

Tektronix

THS720A, THS720P, & THS730A TekScope® Release Notes

061-4241-01

www.tektronix.com

061424101

Contacting Tektronix

Tektronix, Inc.
14200 SW Karl Braun Drive
P.O. Box 500
Beaverton, OR 97077
USA

For product information, sales, service, and technical support:

- In North America, call 1-800-833-9200.
- Worldwide, visit www.tektronix.com to find contacts in your area.

THS720A, THS720P, & THS730A TekScope Release Notes

Please use the following information to replace or clarify information contained in the *THS710A, THS720A, THS730A, & THS720P TekScope User Manual*.

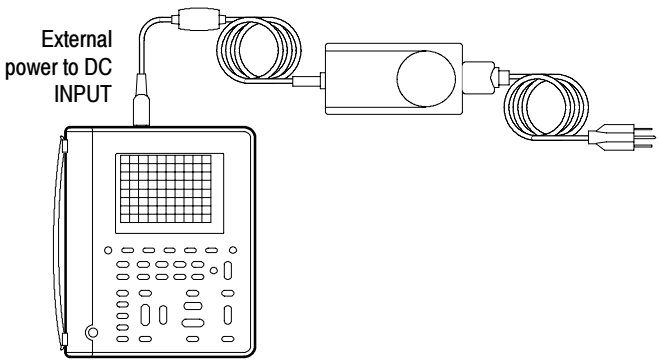
Environmental Considerations

This change affects the environmental statement about the products as described on page A–20. Refer to the end of this document for the current environmental statement.

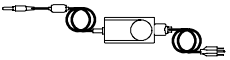
Using External Power

This change affects the wall adapter for the AC power supply as shown in the illustrations on pages 1–7 (*Using External Power)*, C–1, and C–3 *(Appendix C: Accessories)* of the user manual. The wall adapter has been replaced with a desktop power supply adapter and power cords. The new text is shown in **bold** and the new AC power supply is shown in each illustration.

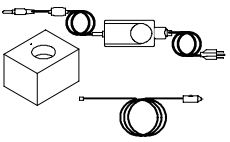
Using External Power (page 1–7)



AC Power Adapter (page C-1)

	The AC power **supply and cord** allows operation from the AC power line and charges the internal battery. (Power Supply **119-7285-XX**, Power Cords: **North American 161-0066-00, Universal European 161-0066-09, United Kingdom 161-0066-10, Japan 161-0298-00, Australia 161-0066-13, and China 161-0304-00)**

THS7CHG Battery Charger (page C-3)

	The battery charger recharges the battery pack in 1.5 hours. It can be powered from AC power or from the 12 V from an automobile cigarette lighter.

Maximum Voltage Between Signal and Common at Input BNC Specification

This change affects the CAT II category information of the Maximum Voltage Between Signal and Common at Input BNC specification as described on page A-2 of the user manual. The new text is shown in **bold**.

Maximum Voltage Between Signal and Common at Input BNC	*Overvoltage Category*	*Maximum Voltage*
	CAT I or CAT II Environment (refer to page A-19)	300 V_{RMS}

External Trigger, Maximum Input Voltage Specification

This change affects the CAT II category of the External Trigger, Maximum Input Voltage specification as described on page A-7 of the user manual. The new text is shown in **bold**.

External Trigger	
External Trigger, Maximum Input Voltage	600 V_{RMS} **CAT I or** CAT II**;** 300 V_{RMS} CAT III (refer to page A-19)

Probe P6117 Maximum Voltage Between Probe Tip and Reference Lead Specification

This change affects the CAT II category information of the Probe P6117 Maximum Voltage Between Probe Tip and Reference Lead specification as described on page A-10 of the user manual. The new text is shown in **bold**.

Maximum Voltage Between Probe Tip and Reference Lead	*Overvoltage Category*	*Maximum Voltage*
	CAT I or CAT II Environment (refer to page A-19)	300 V_{RMS}

Probe P5102 Maximum Voltage Between Probe Tip and Reference Lead, DC Coupled Specification

This change affects the CAT II category information of the Probe P5102 Maximum Voltage Between Probe Tip and Reference Lead, DC Coupled specification as described on page A-11 of the user manual. The new text is shown in **bold**.

Maximum Voltage Between Probe Tip and Reference Lead, DC Coupled	*Overvoltage Category*	*Maximum Voltage*
	CAT I or CAT II Environment (refer to page A-19)	1000 V_{RMS}

European Union EMC Certifications and Compliances

The following EMC Certifications and Compliance table replaces the Certifications and Compliances table located on page A–20.

EMC Certifications and Compliances	
EMC Compliance: European Union	Meets the intent of Directive 89/336/EEC for Electromagnetic Compatibility. Compliance was demonstrated to the following specifications as listed in the Official Journal of the European Communities: EN 61326 Class A Radiated and Conducted Emissions [1,3] IEC 61000-4-2 Electrostatic discharge immunity IEC 61000-4-3 RF electromagnetic field immunity [2] IEC 61000-4-4 Electrical fast transient/burst immunity IEC 61000-4-5 Power line surge immunity [3] IEC 61000-4-6 Conducted RF immunity IEC 61000-4-11 Voltage dips and interruptions immunity EN 61000-3-2 AC power line harmonic emissions [1] Tektronix-supplied ferrite bead is required on instrument end of RS-232 cable [2] Performance criteria: ≤ 5.0 division increase in peak-to-peak noise (Sample acquisition mode, Full bandwidth); otherwise ≤ 3.0 division increase in peak-to-peak noise [3] Applies to instrument operating from a Tektronix-supplied AC adapter
EMC Compliance: Australia/ New Zealand	Meets the intent of Australian EMC Framework as demonstrated to the following specification: AS/NZS 2064.1/2
EMC Compliance: Russian Federation	These products were certified by the GOST ministry of Russia to be in compliance with all applicable EMC regulations
EMC Compliance: People's Republic of China	There products were granted the Chinese Pattern Approval (Certification No. 97-E155)

Safety Certifications and Compliances

The following new table lists the THS720A, THS720P, and THS730A safety certifications and compliances.

Safety Certifications and Compliances	
Safety Compliance: European Union	Compliance was demonstrated to the following specifications as listed in the Official Journal of the European Communities: Low Voltage Directive 73/23/EEC as amended by 93/68/EEC EN 61010-1/A2:1995 Safety requirements for electrical equipment for measurement, control, and laboratory use

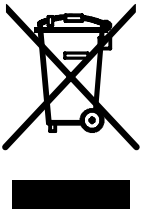
Environmental Considerations

This section provides information about the environmental impact of the product.

Product End-of-Life Handling

Observe the following guidelines when recycling an instrument or component:

Equipment Recycling. Production of this equipment required the extraction and use of natural resources. The equipment may contain substances that could be harmful to the environment or human health if improperly handled at the product's end of life. In order to avoid release of such substances into the environment and to reduce the use of natural resources, we encourage you to recycle this product in an appropriate system that will ensure that most of the materials are reused or recycled appropriately.



The symbol shown to the left indicates that this product complies with the European Union's requirements according to Directive 2002/96/EC on waste electrical and electronic equipment (WEEE). For information about recycling options, check the Support/Service section of the Tektronix Web site (www.tektronix.com).

Battery Recycling. This product may contain a Nickel Cadmium (NiCd) rechargeable battery, which must be recycled or disposed of properly. Please properly dispose of or recycle the battery according to local government regulations.

Mercury Notification. This product uses an LCD backlight lamp that contains mercury. Disposal may be regulated due to environmental considerations. Please contact your local authorities or, within the United States, the Electronics Industries Alliance (www.eiae.org) for disposal or recycling information.

Restriction of Hazardous Substances

This product has been classified as Monitoring and Control equipment, and is outside the scope of the 2002/95/EC RoHS Directive. This product is known to contain lead, cadmium, mercury, and hexavalent chromium.