

# Release Notes



## THS720A, THS720P, & THS730A TekScope™ Release Notes

**061-4241-01**

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# 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*.

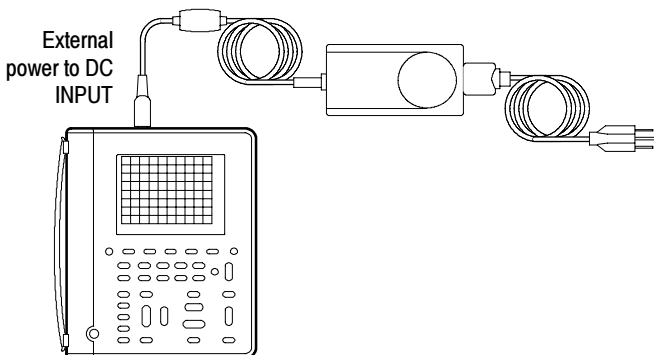
## Environmental Considerations

This addition of an environmental statement describes the environmental information about the products. Refer to the end of this document for the environmental statement.

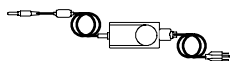
## Using External Power

This change affects the illustrations on page 1-7 (*Using External Power*), C-1, and C-3 (*Appendix C: Accessories*) of the user manual. The wall adapter for the AC power supply is replaced with a desktop power supply adapter.

(page 1-7)

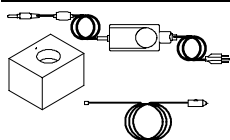


**AC Power Adapter (page C-1)**



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 161-0289-00, Australia 161-0066-13, 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	<i>Overvoltage Category</i>	<i>Maximum Voltage</i>
	<b>CAT I or CAT II Environment</b> (refer to page A-19)	300 V <sub>RMS</sub>

**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.

<b>External Trigger</b>	
External Trigger, Maximum Input Voltage	600 V <sub>RMS</sub> <b>CAT I or CAT II</b> ; 300 V <sub>RMS</sub> 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	<i>Overvoltage Category</i>	<i>Maximum Voltage</i>
	<b>CAT I or CAT II</b> Environment (refer to page A-19)	300 V <sub>RMS</sub>

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

This change affects the CAT II category information of the Probe P6117 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	<i>Overvoltage Category</i>	<i>Maximum Voltage</i>
	<b>CAT I or CAT II Environment (refer to page A-19)</b>	1000 V <sub>RMS</sub>

**Probe P5102 Standard Accessories**

This change affects the illustrations shown under AC Power Adapter on page C-1 and THS7CHG Battery Charger on C-3 of the user manual. The new illustrations are shown below.

<b>AC Power Adapter</b>	
New Picture here	The AC power adapter allows operation from the AC power line and charges... no change to the text.
<b>THS7CHG Battery Charger</b>	
New Picture here	The battery charger recharges... no change to the text.

### European Union EMC Certifications and Compliances

The following table text replaces the EMC Certifications and Compliances text located on page A-20.

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

### **Safety Certifications and Compliances**

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

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<b>Safety Certifications and Compliances</b>	
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

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