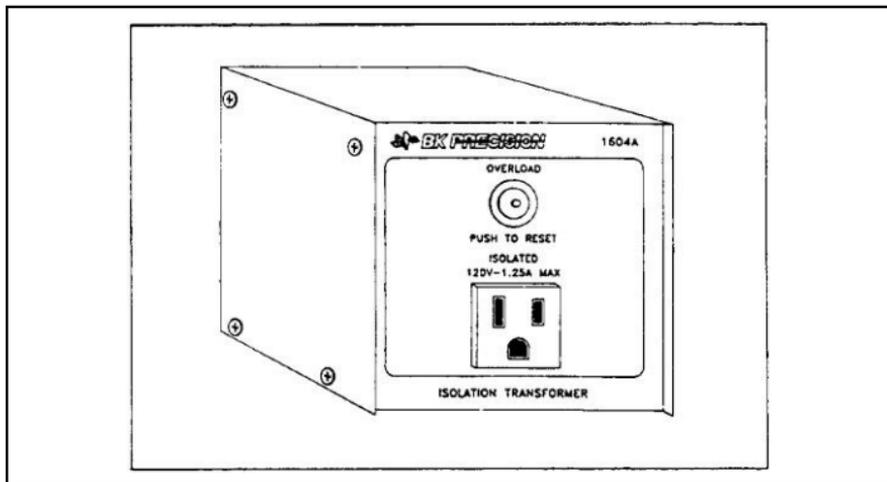


# **BK PRECISION®**



## **INSTRUCTION MANUAL**

MANUAL DE INSTRUCCIONES

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**Portable Isolation Transformer  
Model 1604A**

Portable Transformador de Aislamiento  
Modelo 1604A

## SPECIFICATIONS

Isolation .....	Leakage less than 0.1 mA.
Output Voltage (Input at 120V).....	117-129 V (typical)
Output Current .....	1.25 A continuous 2 A intermittent*
Power Requirements .....	120 VAC, 60 Hz, 175 W
Operating Temperature .....	0° to +40° C
Weight .....	6 lb (2.7 kg)
Size (HWD) .....	4 x 4 x 5 ½” (100 x 100 x 140 mm)

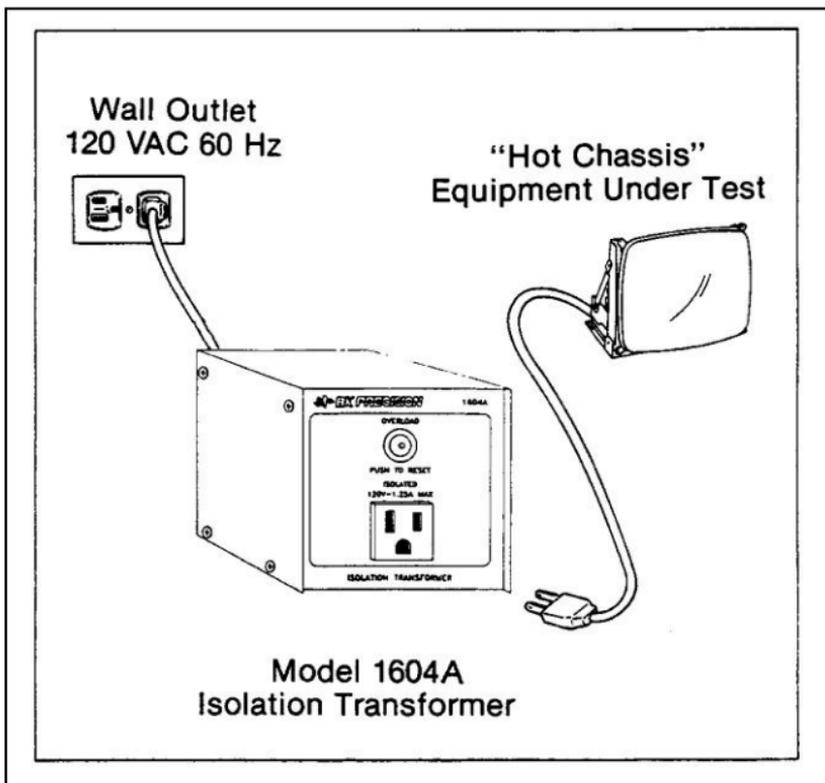
\*Intermittent duty = 5 minutes max., 50% duty cycle

Specifications and information are subject to change without notice. Please visit [www.bkprecision.com](http://www.bkprecision.com) for the most current product information.

## WARNING

1. Touching a “hot chassis” is hazardous and can cause fatal electrical shock. Most television receivers and other equipment with a two-wire ac power plug are the “hot chassis” type. To service such equipment, always connect an isolation transformer between the wall outlet and “hot chassis” equipment.
2. Most “hot chassis” products have a plastic or wooden cabinet that insulates the chassis and prevents the user from touching it. However, when the cabinet or back is removed for servicing the product, the chassis is exposed and becomes an electrical shock hazard to the service technician.
3. *Even units with polarized power plugs are often “hot chassis” type. Treat any piece of equipment with a two-wire power plug as “hot chassis” type and use the isolation transformer for safety. There is no disadvantage to using the isolation transformer, even in cases where it is not needed.*
4. In addition to the electrical shock hazard, there is also a high probability of damage to any ac powered test equipment used to service such equipment.
5. The isolation transformer may become very warm when operating at high output current. Touch with care.

The B & K Precision Model 1604A Isolation Transformer provides the necessary safety factor mentioned above. The 1.25 amp continuous output current rating is adequate for almost any solid state television receiver. The 2 amp intermittent output current rating offers enough reserve for the occasional defective or “power hungry” unit when cycled 5 minutes on and 5 minutes off. Overload protection is provided by convenient front panel OVERLOAD circuit breakers; simply PUSH TO RESET.



1. Connect power plug of Model 1604A Isolation Transformer to 120 volt, 60 Hz ac wall outlet
2. Connect power plug of equipment under test to outlet on front panel of Model 1604A Isolation Transformer.
3. If OVERLOAD circuit breaker on front panel of unit trips after a few minutes operation, allow 5 minutes for cooling, then PUSH TO RESET.
4. If OVERLOAD circuit breaker trips immediately or after only a few seconds operation, the unit is severely overloaded. The equipment under test may be shorted. Do not PUSH TO RESET until the overload is removed.

# LIMITED ONE-YEAR WARRANTY

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B&K Precision Corp. warrants to the original purchaser that its products and the component parts thereof, will be free from defects in workmanship and materials for a period of one year from date of purchase.

B&K Precision Corp. will, without charge, repair or replace, at its option, defective product or component parts. Returned product must be accompanied by proof of the purchase date in the form of a sales receipt.

To help us better serve you, please complete the warranty registration for your new instrument via our website [bkprecision.com](http://bkprecision.com)

**Exclusions: This warranty does not apply in the event of misuse or abuse of the product or as a result of unauthorized alterations or repairs. The warranty is void if the serial number is altered, defaced or removed.**

B&K Precision Corp. shall not be liable for any consequential damages, including without limitation damages resulting from loss of use. Some states do not allow limitations of incidental or consequential damages. So the above limitation or exclusion may not apply to you.

This warranty gives you specific rights and you may have other rights, which vary from state-to-state.

B&K Precision Corp.  
22820 Savi Ranch Parkway  
Yorba Linda, CA 92887  
[www.bkprecision.com](http://www.bkprecision.com)  
714-921-9095



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Yorba Linda, California 92887  
[www.bkprecision.com](http://www.bkprecision.com)

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