

# Enhanced Oscilloscope Kit - Senior Technician

## ● CT3743



### FEATURES:

- Unique Interconnection Kit
- High Quality Components
- Frequency up to 1 GHz
- Works with All Popular Instruments
- Gold Plated Contacts
- Storage Pouch
- 100 MHz 1x/10x Probe

### ENHANCED INTERCONNECTION KIT FOR RF MEASUREMENTS WITH OSCILLOSCOPES:

Cal Test's enhanced oscilloscope accessory kit, model CT3743, provides users the necessary interconnection cables and adapters for effective scope use plus a high quality 100 MHz switchable probe for added performance.

The kit includes 1 each of, 1-meter BNC and 1-meter BNC to IC clips cable assemblies, 1 in-series BNC coaxial adapter, 1 BNC to banana plug adapter, 1 BNC 50 $\Omega$  terminator, and 1 100 MHz 1x/10x/REF passive voltage probe, just the right accessories for oscilloscope work in education, design, performance verification or calibration.

Model CT3743, Oscilloscope Kit is suitable for instruments from Agilent®, B&K Precision®, LeCroy®, Tektronix® and many others. Find the recommended instrument for model CT3743, or Cal Test's others oscilloscope kits...

CT3742 – Oscilloscope Kit – Technician

CT3744 – Advanced Oscilloscope Kit – Engineer

... at our web site [www.caltestelectronics.com](http://www.caltestelectronics.com).

### APPLICATIONS:

- R&D Laboratories
- Production Test Stations
- Service & Repair Facilities
- Educational Test Benches
- Field Testing

Specifications and appearance subject to change without notice  
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**ORDER INFORMATION:**

**CT3743**

Enchased Oscilloscope Kit – Senior Technician

**CONTACT INFO:**

Toll Free: 888-256-2246 (US Only)

Phone: 714-221-9330

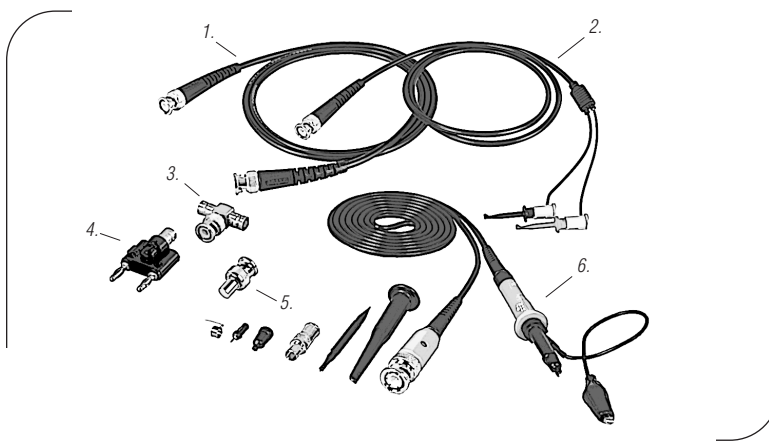
Fax: 714-921-9849

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**KIT CONTENTS:**



Item	Description	Model	Qty.	Frequency Range	VSWR Max.
1.	BNC Cable Assembly, 100cm (40")	CT2942-100	1	DC - 1 GHz	1.20:1 @ 1 GHz
2.	BNC Cable w/IC Clips, 100cm (40")	CT3230-100	1	DC - 1 GHz	N/A
3.	BNC Tee, female-male-female	CT2411	1	DC - 4 GHz	N/A
4.	BNC female to Double Banana Plugs	CT2939	1	N/A	N/A
5.	BNC male Terminator, 50 Ω, 1/2 W	CT3334-50	1	DC - 500 MHz	N/A
6.	Switchable Probe 1x/10x/REF	CT2674A	1	DC - 100 MHz	N/A

**SPECIFICATIONS:**

**Cables & Connectors:**

- Impedance - 50 Ω
- Frequency Range - see table
- VSWR Max - see table
- Working temperature - -20° to +80° C
- Connectors: BNC
  - Body - Brass, Nickel Plated
  - Dielectric - PTFE & Delrin®
  - Center Contact - Brass, Gold Plated

**Switchable 1x/10x/REF Probe:**

- 10x Position
- Attenuation ratio - 10x (10:1)
  - Bandwidth - DC to 200MHz
  - Rise time - 1.8 nS
  - Compensation range - 10 to 35 pF
  - Input resistance - 10MΩ
  - Input capacitance - 14 pF
  - Max. input voltage - 600 V CAT I (DC+Peak AC)  
Derated with frequency
- 1x Position
- Attenuation ratio - 1x (1:1)
  - Bandwidth - DC to 10MHz
  - Rise time - 35 nS
  - Compensation range - n/a
  - Input resistance - 1MΩ
  - Input capacitance - 90 pF
  - Max. input voltage - 600 V CAT I (DC+Peak AC)
- Working temperature - +55° C
  - Cable length - 1.2 m

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