

OPTIONS AND ACCESSORIES

OPTIONS DESCRIPTION

This section contains a general description of available options for the 2440 Digital Storage Oscilloscope at time of manual publication. The options are:

Options A1-A-5	International Power Cords
Option 1R	Rackmounting
Option 03	Word Recognizer Probe
Option 05	Video Option
Option 11	Probe Power

Option A1 (Universal Euro)	Power cord (2.5 m)	161-0104-06
Option A2 (UK)	Power cord (2.5 m)	161-0104-07
Option A3 (Australian)	Power cord (2.5 m)	161-0104-05
Option A4 (North American)	Power cord (2.5 m)	161-0104-08
Option A5 (Switzerland)	Power cord (2.5 m)	161-0154-00

Operating instructions for the Video Option and the Word Recognizer Probe optional accessory are found in the Options section of the Operators Manual. A complete list of standard accessories supplied with the instrument and a list of suggested optional accessories, each identified by part number, are included in this section.

Additional information about instrument options, option availability, and other accessories can be obtained from the current Tektronix Products Catalog or by contacting your local Tektronix Field Office or representative.

OPTION 1R RACKMOUNTED 2440

When the 2440 Digital Oscilloscope is ordered with Option 1R, it is shipped in a configuration that permits easy installation into a 19-inch-wide equipment rack. An optional rackmounting kit may be ordered to convert the standard 2440 to a rackmounted instrument. Installation instructions for rackmounting are provided in the documentation supplied with the rackmounting kit and the 1R Option.

The rear-support kit also is supplied for use when rackmounting the 2440. Using this rear-support kit enables the rackmounted instrument to meet all electrical and environmental specifications of the standard instrument.

OPTIONS A1-A5 INTERNATIONAL POWER CORDS

Instruments are shipped with the detachable power-cord configuration ordered by the customer. Descriptive information about the international power-cord options is provided in Section 2, "Preparation for Use." The following list identifies the Tek *Option* number for the available power cords.

Connector-mounting holes are provided in the front panel of the rackmounted instrument. These holes enable convenient accessing of the rear panel BNC connectors and directing the Vertical Channel and External Trigger input connectors to rear access in an electronics equipment rack. The selection of signals that are routed through the rackmounting front panel is left to the user. Additional cabling and connectors required to implement any through-panel access must be user supplied; however, the necessary items may be separately ordered from Tektronix, Inc.

OPTION 03—WORD RECOGNIZER PROBE

The Word Recognizer (*WR*) Probe is available as an option or can be ordered as an optional accessory. In either case, it is used to trigger the instrument on user-selected parallel TTL data word. The *WR* recognizes a 16-bit word, plus a 17th qualifier bit. Each bit is selectable as 0, 1, X (don't care). Recognition can be either synchronous with an external clock signal (rising or falling edge) or asynchronous.

For instruments purchased either with or without Option—03, the required hardware and firmware for using the Word Recognizer Probe is included in the standard 2440 Digital Oscilloscope; it is only necessary to purchase the Word Recognizer Probe optional accessory. Instruments purchased with Option—03 include the *WR* Probe.

**OPTION 05
VIDEO OPTION**

Option 05 provides an aid in examining composite video signals. With the Video Option installed, all basic instrument functions remain the same. Changes to any of the control menus by the installation of Option 05 are detailed in the description of the affected menus in Section 3 of the Operators Manual, "Controls, Connectors, and Indicators." Features of this option include a sync separator, back-porch clamp circuitry, TV trigger coupling modes, and adjustment for closer tolerance on the 20-MHz BANDWIDTH LIMIT. This option permits the user to trigger on a specific line number within a TV field and provides sync-polarity switching for either sync-negative or sync-positive composite video signals. Circuit descriptions and schematics for the Video Option are located in the appropriate sections in this Service Manual.

**OPTION 11
PROBE POWER**

Option 11 provides two probe-power connectors on the rear panel of the instrument. Voltages supplied at the PROBE POWER connectors meet the power requirements of standard Tektronix active oscilloscope probes.

STANDARD ACCESSORIES

The following standard accessories are provided with each instrument:

	Part Number
2 Probes, 10X, 1.3 meter, with accessories	P6137
1 Accessory pouch, snap	016-0692-00
1 Accessory pouch, ziploc	016-0537-00
1 Operators manual	070-6599-00
1 Programmers Reference Guide	070-6601-00
1 Pocket Programmers Guide	070-6602-00
1 User Reference Guide	070-6600-00
1 Fuse, 5 A, 250 V, AGC/3AG	159-0014-00
1 CRT Filter, Blue Plastic (installed)	378-0199-03
1 CRT Filter, Clear Plastic	378-0208-00
1 Front Cover	200-3199-01
1 CCIR Graticule (with Video Option)	378-0199-04
1 NTSC Graticule (with Video Option)	378-0199-05

RACKMOUNTING ACCESSORIES

The following accessories are available to rackmount an instrument that is not purchased as a 1R option:

	Part Number
Rackmounting Conversion Kit	016-0825-01
Rackmounting Rear-Support Kit (included in the conversion kit)	016-0096-00

OPTIONAL ACCESSORIES

The following optional accessories are recommended for use with this oscilloscope:

	Part Number
Service Manual	070-6603-00
Word Recognizer Probe	010-6407-01
Color Plotter	HC100
Oscilloscope Camera	C-5C Option 01
SCOPE-MOBILE Cart	C7, Option 03, Option 30
Carrying Strap	K212, K213 346-0199-00