

7600 Series

- DC to 100 MHz Bandwidth
- 3.5 ns Rise Time
- 5 ns/Div Fastest Calibrator Sweep Rate
- Requires only 5.25 inches of Rackmount Space

7603 General Purpose

- Greater than 260 cm/s Writing Speed With Optional CRT
- CRT Readout

NEW 7623B CRT Storage

- Able to Capture and Store Transients and Low Repetition Rate Signals
- 1000 cm/μs Stored Writing Speed
- Multimode Storage

ORDERING INFORMATION**7603/R7603 OSCILLOSCOPE**

7603 Oscilloscope \$5,625

Includes:

Clear CRT filter (337-1700-04),
blue CRT filter (337-1700-01), 20-in.
two-pin-to-BNC cable (175-1178-00),
Operator Manual (070-1310-00),
Service Manual (070-1429-00).

R7603 - Rackmount Oscilloscope \$6,810

Includes: Same as 7603, plus a rackmounting hardware kit (016-0099-00).

Opt. 03 - EMC Modification. +\$500

Opt. 04 - High-Brightness 8 x 10-cm CRT Display. GH (P31) Phosphor.

7603 \$625

R7603 \$600

Opt. 08 (7603) - Protective Panel Cover. +\$150

Opt. 20 (R7603) - IEEE Standard 488 Interface for the 7D20 only. +\$150

7623B/R7623B CRT-STORAGE

7623B CRT-Storage Oscilloscope \$12,350

Includes: 20-in., two-pin-to-BNC cable (175-1178-00), green CRT filter (378-0625-08), power cord (161-0066-00), Instruction Manual (070-1767-00), Operator Manual (070-1766-00).

R7623B - Rackmount Oscilloscope \$12,200

Includes: Same as 7623B.

Opt. 03 - EMC Modification. +\$500

Opt. 08 - Protective Panel Cover. +\$150

CONVERSION KITS

CRT Readout - Order 040-0748-06 \$880

EMC Modification - Order 040-0663-01 \$585

Rackmount Order 040-0678-01 \$475

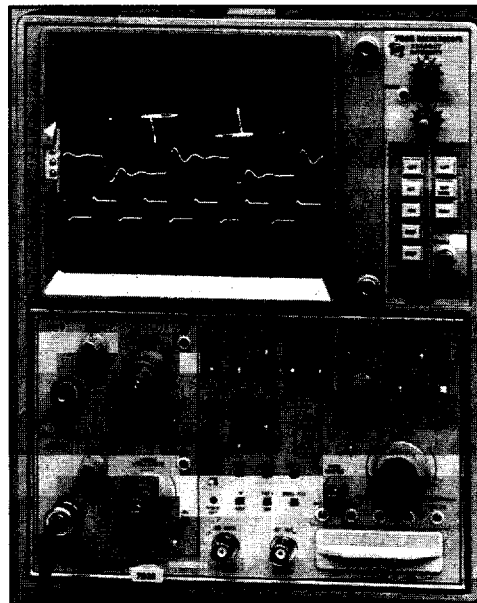
Power Supply - To light plug-in pushbuttons. Order 040-0686-01 \$110

INTERNATIONAL POWER PLUG OPTIONSOpt. A1-A5 Available NC
See page 374.**ACCESSORIES**

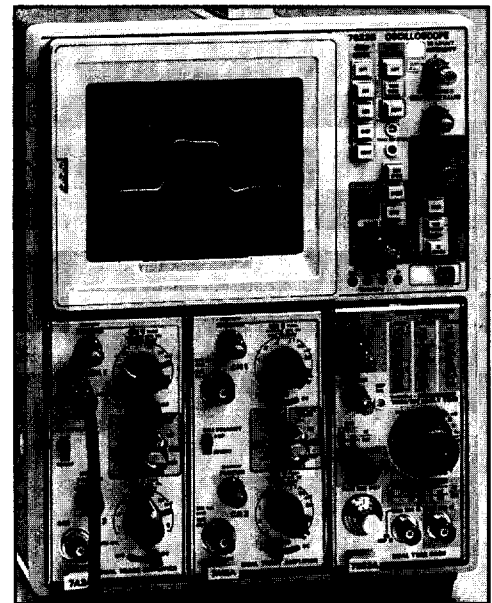
Recommended Cameras - See page 70.

Recommended Carts - See page 306.

Recommended Probes - See page 70.

**7603/R7603 OSCILLOSCOPES**

The 7603 and R7603 Oscilloscopes are general purpose 100 MHz, real-time oscilloscopes.

CHARACTERISTICS**VERTICAL SYSTEM****Channels** - Two left-most plug-in compartments.**Bandwidth, Rise Time, and Deflection Factor** - Determined by the mainframe/plug-in used. See page 69.**Display Modes** - Left, Alt, Add, Chop, Right. Chopped-mode repetition rate is ≈1 MHz.**Delay Line** - Permits viewing leading edge of displayed waveform.**HORIZONTAL SYSTEM****Channels** - One right-most plug-in compartment.**Bandwidth** - Dc to 2 MHz.**Fastest Calibrated Sweep Rate** - 5 ns/div.**X-Y Mode** - Phase shift is within 2° from dc to 35 kHz.**CRT AND DISPLAY FEATURES****CRT** - Internal 8 x 10 division (1.22 cm/div) graticule with variable illumination.**Option 04, High-Brightness CRT With Reduced Area** - Internal 8 x 10 cm graticule with variable illumination.**7623B STORAGE OSCILLOSCOPE**

The 7623B Storage Oscilloscope provides 2200 div/μs (1000 cm/μs) stored writing speed and 100 MHz bandwidth. The instrument has three display modes and four storage modes. The maximum writing speed of 1000 cm/μs is achieved in reduced-scan mode. Available for rackmounting as R7623B.

CHARACTERISTICS**VERTICAL SYSTEM****Channels** - Two left-most plug-in compartments for 7000 Series plug-ins.**Bandwidth, Rise Time, and Deflection Factor** - Determined by the mainframe and plug-in used. See page 69.**Display Modes** - Left, Alt, Add, Chop, Right. Chopped-mode repetition rate is ≈1 MHz.**Delay Line** - Permits viewing leading edge of displayed waveform.**HORIZONTAL SYSTEM****Channel** - One plug-in compartment (right-most). Compatible with all 7000 Series plug-ins.**Bandwidth** - Dc to at least 2 MHz.**Fastest Calibrated Sweep Rate** - 5 ns/div.**CRT AND DISPLAY FEATURES****CRT** - Internal 8 x 10 division graticule with variable illumination. RN has additional graticule for the reduced-scan mode.**CRT Display Modes** - Nonstore, Bistable, Variable Persistence, Fast Bistable, Fast Variable Persistence. Reduced scan may be selected in all display modes.