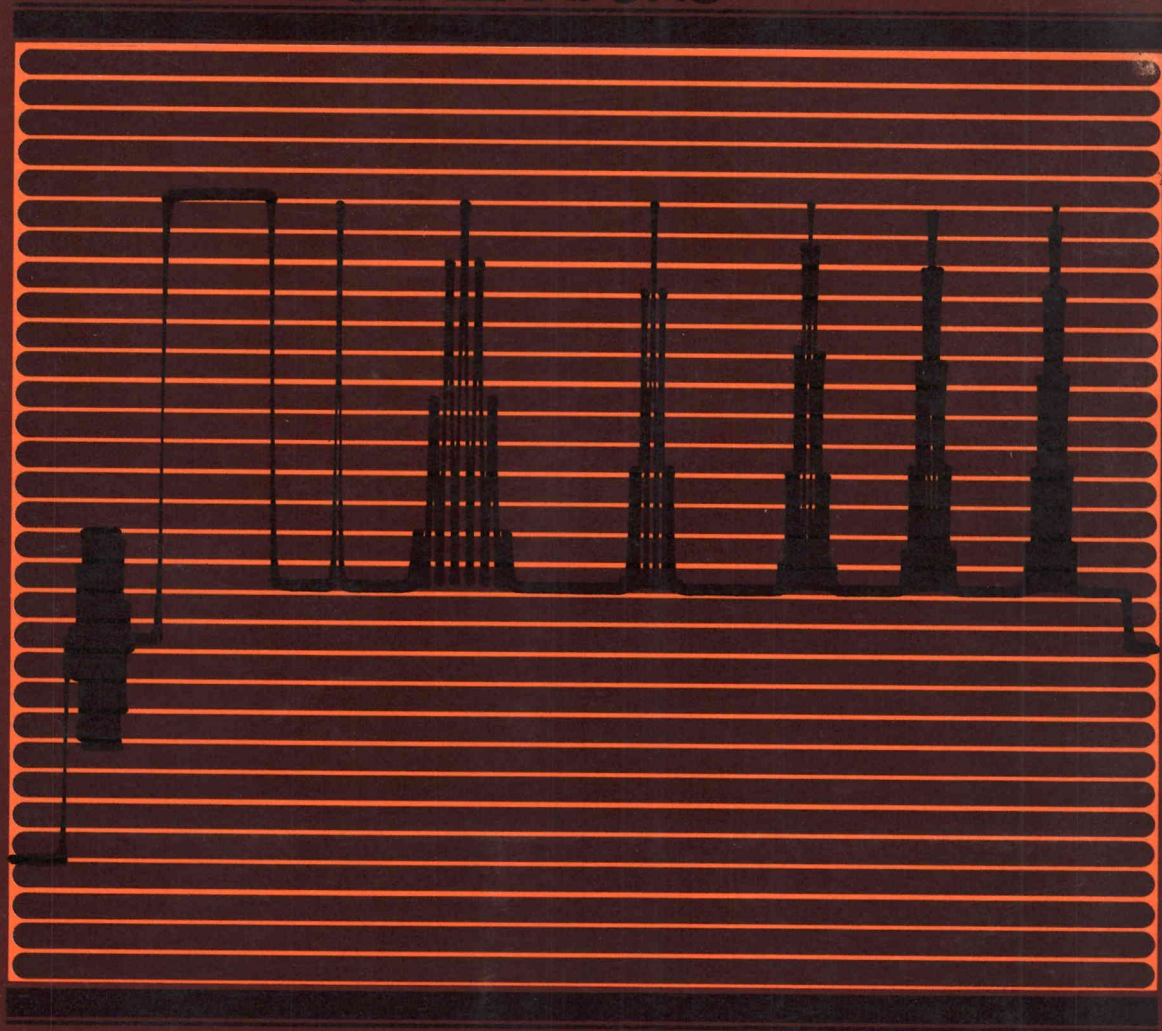


PRODUCTS Television

Tektronix 1900 SERIES DIGITAL SIGNAL GENERATORS



Accurate, versatile digital signal generator handles a wide range of video testing needs.

The Tektronix 1900 is an NTSC test signal generator/VITS inserter featuring 10-bit digital signal generation, three new test signals, digital word input and output, and RS-232-C and ground closure interfaces for remote control.

Digital circuitry increases accuracy and stability. Test signals, stored as 10-bit digital words, are converted to analog by a precision DAC for accuracy and long term stability. PROM storage of signals makes it easy to meet industry standard changes, simply by replacing the PROM set.

Three new signals simplify testing. Testing capability is increased with these signals: SMPTE color bars simplify adjusting color monitor chroma, hue and brightness

settings. Multipulse offers a convenient method of measuring group delay at selected points across the video band-pass. The Sin X/X signal makes it easy to measure frequency response with its flat to 4.5 MHz frequency spectrum.

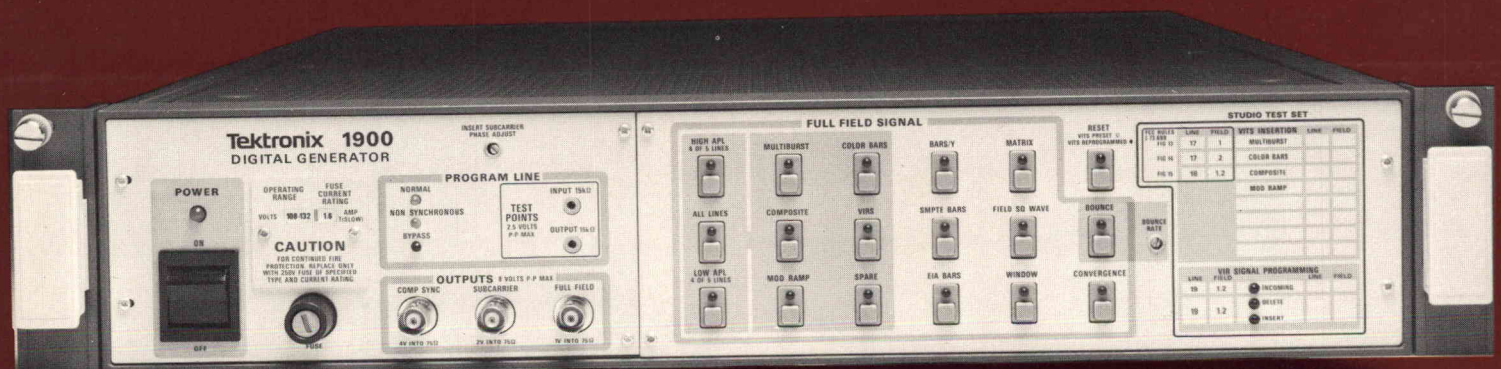
Digital input, output assure accuracy. An extremely accurate 10-bit digital word test signal output provides a useful method of evaluating and aligning D to A converters. Errors caused by digitizing analog signals are eliminated. Digital word input permits accurate digital to analog conversions with the 1900's precision DAC.

Three test sets meet specific needs. The 1900 is available in Transmitter (FCC VITS), Studio (FCC VITS) and NTC 7 Test Sets. Each has full VITS and VIRS insertion capability and its own special group of test signals, plus signals common to all. The Transmitter Test Set has multiburst, multipulse, full field color bars, composite, modulated pedestal, staircase, color bars/Y and Sin X/X test

signals. The Studio Test Set offers full field color bars, composite, multiburst, SMPTE and EIA color bars and color bars/Y test signals. The NTC 7 Test Set provides multipulse, composite, combination, and SMPTE and EIA color bars test signals.

All 1900 Test Sets offer modulated ramp, convergence, window, field square wave, and VIRS test signals.

Remote control. Most functions of the 1900 including VITS/VIRS insertion can be remotely controlled. RS-232-C or ground closure interfaces permit operation by the test set's own optional remote control unit and many other terminal devices.







For the address of your nearest
Tektronix Field Office, contact:

U.S.A.

Tektronix, Inc.
P.O. Box 1700
Beaverton, OR 97075
Phone: 503/644-0161
Telex: 910-467-8708
Cable: TEKTRONIX

Africa, Europe


Middle East
Tektronix Int'l, Inc.
European Marketing Center
Postbox 827
1180 AV Amstelveen
The Netherlands
Telex: 18312

**Asia, Australia, Canada, Central &
South America, Japan**

Tektronix, Inc.
America's Pacific
P.O. Box 500
Beaverton, OR 97077
Telex: 910-467-8708
Cable: TEKTRONIX

**Tektronix offices to serve you
around the world:**

Argentina, Australia, Austria,
Belgium, Bolivia, Brazil, Canada,
Chile, Colombia, Costa Rica,
Denmark, East Africa, Ecuador,
Egypt, El Salvador, Federal
Republic of Germany, Finland,
France, Greece, Hong Kong,
Iceland, India, Indonesia, Iraq,
Israel, Italy, Ivory Coast, Japan,
Jordan, Korea, Kuwait, Lebanon,
Malaysia, Mexico, Morocco,
The Netherlands, New Zealand,
Norway, Pakistan,
Panama, Peru, Philippines,
Portugal, Republic of South
Africa, Saudi Arabia, Singapore,
Spain, Sri Lanka, Sudan, Surinam,
Sweden, Switzerland, Syria,
Taiwan, Thailand, Turkey, Tunisia,
United Kingdom, Uruguay,
Venezuela, Zambia.

Copyright © 1980, Tektronix, Inc. All rights reserved. Printed in U.S.A. Tektronix products are covered by U.S. and foreign patents, issued and pending. Information in this publication supersedes that in all previously published material. Specification and price change privileges reserved. TEKTRONIX, TEK, SCOPE-MOBILE and  are registered trademarks of Tektronix, Inc. TELEQUIPMENT is a registered trademark of Tektronix U.K. Limited. For further information, contact Tektronix, Inc., P.O. Box 500, Beaverton, OR 97077. Phone: 503-644-0161, TWX 910-467-8708. Cable: Tektronix. Subsidiaries and distributors worldwide.