

# Generators

TSG 200 • TSG-271 • TSG-422

## ★ Features

### TSG 200

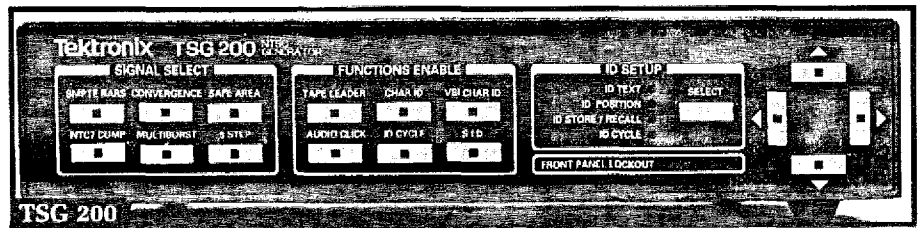
- Signal Generator

### TSG-271

- PAL Generator

### TSG-422

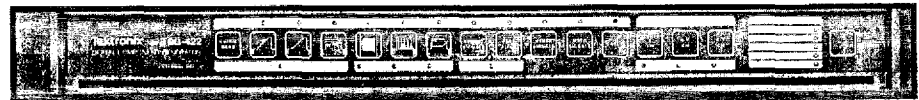
- Digital Component Generator



TSG 200 NTSC Signal Generator.



TSG-271 PAL Television Generator.



TSG-422 Digital Component Generator.

### TSG 200 SIGNAL GENERATOR

- NTSC Test Signals
- Multiple Black Burst Outputs
- Character Identification Positionable Within the Active Field
- Tape Leader Countdown with Visual and Audio Cues
- Stereo Audio Tone with Channel One Identification
- 12 V DC Input
- Remote Control

### TSG-271 PAL GENERATOR

- Precise 12-Bit Digitally Derived Test Signals
- SCH Phase Accuracy, Guaranteed by Use of a Single DAC
- Conforms to EBU Statements D23 and D25
- Stable Internal Reference, Ideal for Master Sync Operation
- Reliable Slave Operation Through Use of Digital Genlock
- Separate Front Panel Genlock and Sync Timing Controls

### TSG-422 DIGITAL COMPONENT GENERATOR

- Conforms to ITU-R BT. 601/656, EBU Tech 3267, and SMPTE 125M, 259M, and RP165
- D1 VTR and Other 4:2:2 Component Digital Equipment Testing and Maintenance
- 10- or 8-Bit Signal Generation
- Parallel Digital Video Test Signal Outputs
- Four Serial Digital Video Outputs (Opt. 1S)
- Separate Y, B-Y, R-Y Clock Outputs
- 525/60 and 625/50 Operation
- NTSC or PAL Black Burst Outputs
- Sync Lock to 525/60 or 625/50

For your local Tektronix representative see the list in the back of this catalog or outside the U.S. call: 1-503-627-1933, inside the U.S. call: 1-800-426-2200.



See Tektronix on the World Wide Web:  
<http://www.tek.com>



(TSG-271 and TSG-422 only).



ISO 9001 Tektronix measurement products are manufactured in ISO registered facilities.



For product detail, request a TV catalog by completing the business reply card in the back of this catalog.

## ORDERING INFORMATION

For price information: Outside the U.S. contact your local Tektronix representative, inside the U.S. see the price list in the back of this catalog.

### TSG 200

Signal Generator.

### TSG-271

PAL Television Generator.

**Opt. 01** – Adds Character ID, Audio Tone, and Tape Leader Countdown.

### TSG-422

Digital Component Generator.

**Opt. 1S** – Adds Serial Digital Video Outputs.