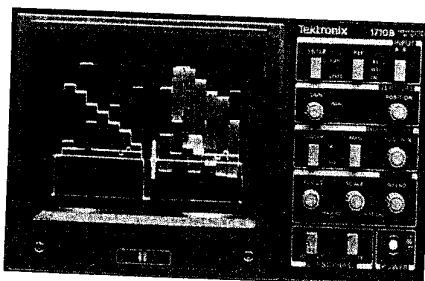


1705 Spectrum Monitor



1710B Waveform Monitor—Dual Filter Display

ORDERING INFORMATION

These instruments are configured for rack mounting and are shipped without cases or covers. Order appropriate optional accessories to configure for rack, bench or portable use.

1705 Spectrum Monitor	\$3,850
1700F10 DC Power Converter Kit	\$200
1700F02 Portable Cabinet and BPI Battery Pack	\$85
1710B Waveform Monitor (NTSC System Applications)	\$1,745
1711B Waveform Monitor (PAL System Applications)	\$1,745

1705 Spectrum Monitor

- Designed for Satellite News Gathering
- Easy, Reliable Operation
- Cost Effective
- On-Screen Ku or C-Band Frequency Readout
- On-Screen Setup Menu
- Selectable 2dB or 10 dB/Division Sensitivity
- L-band and 70 MHz IF Inputs
- Resolution Switchable to 10 or 300 kHz
- Span Range and Video Filter Selection
- Center Frequency Control
- Bright Clear Display
- DC Operation Available

The Tektronix 1705 Spectrum Monitor is a special purpose radio frequency monitor designed for rapid response television satellite news gathering applications. Using the 1705, an operator can identify the spectral pattern of a particular satellite and transponder to determine which video, audio, and SCPC carriers are present. It assists in the accurate adjustment of azimuth, elevation and polarization of the downlink/uplink antenna. It also provides a display of satellite and locally generated signals.

Dual Band Operation

The 1705 features front panel selectable inputs for L-band (900-1450 MHz) monitoring of television downlink signals from a low noise block converter (LNB) located at receive antenna, and 70 MHz band (45-100 MHz) monitoring of the television uplink exciter or other IF signals. Input frequency is displayed on-screen in both L-band and 70 MHz modes, and the L-band readout may be reconfigured to display a satellite frequency in the range of 0.9-20.0 GHz. A dc output is provided to power the low noise block converter.

1710B Series Waveform Monitors

- Cost Effective
- Easy Operation
- Burst Phase Indicator
- Dual-Filter Display
- Half-Rack Width
- Bright CRT Display
- Internal Graticule
- Light Weight
- Low Power Consumption
- Portable DC Power and Battery Available
- Available in NTSC and PAL Standards

The 1710B Series waveform monitors provide all of the commonly used display modes. In addition, the 1710B Series adds relative burst phase indication and dual-filter display. All this capability in a cost-effective package for the user who wants high quality at a low price. These monitors are mechanically compatible and retrofit into an existing system that uses half-rack width, 5 1/4-inch waveform monitors.

PHYSICAL CHARACTERISTICS

Dimensions	mm	in.
Height	133	5.25
Width	214	8.42
Depth	429	16.88
Weight ≈	kg	lb
Net	3.6	8.0

OPTIONAL ACCESSORIES

Cabinets—	
(Plain) Order 1700F00	\$60
(Portable) Order 1700F02	\$85
Side-By-Side Rack Mount— For mounting two half-rack instruments in a standard 19-inch rack.	
Order 1700F05	\$195
Blank Panel Adapter— For the side-by-side rack mount.	
Order 1700F06	\$60
Viewing Hood— For high ambient light environments.	
Order 016-0475-00	\$20
Cameras—	
(Regular) C-5C Option 02.	\$465
(Automatic) C-7 Option 03.	\$580
Battery Pack— Requires 1700F02 case, 1700F10 dc operation kit, and battery charger. Order BPI	
DC Operation Kit— 12 V dc.	\$600
Order 1700F10	\$200