

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

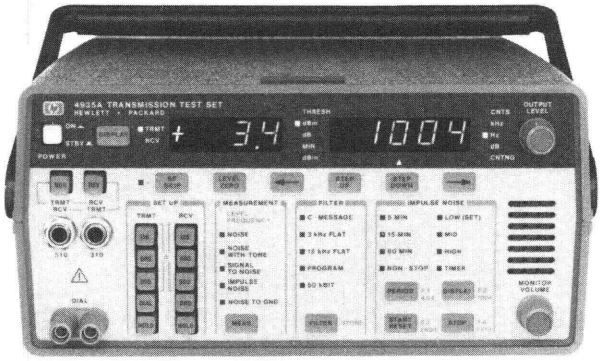
Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

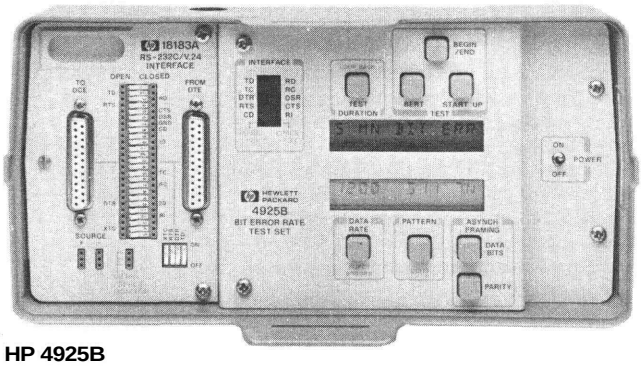
Find the *Keysight / Agilent 18184A* at our website: ***Click HERE***

Transmission Impairment Measuring Sets (TIMS), Bit Error Rate Test Set

HP 4935A/4936A, 4925B



HP 4935A



HP 4925B

Transmission Impairment Measuring Sets

The HP 4935A/4936A Transmission Impairment Measuring Sets are rugged, portable test sets that provide the basic analog tests to isolate faults and to qualify circuits for voice, data, and broadcast service. In addition, the HP 4935A, with its 110 kHz bandwidth, performs the required tests to qualify the local loop for Digital Data System (DDS) up to 56 kb/s. The Peak-to-Average Ratio (P/AR) measurement option on the HP 4935A gives users a powerful, yet simple, measure of the combined factors that affect the overall transmission quality of the line. The HP 4935A performs measurements compatible with the Bell standards (BSTR 41009) and IEEE standards (IEEE 743-1984). The HP 4936A is compatible with the recommendations of the CCITT.

Specifications

Measurements: level, frequency, circuit noise, noise-with-tone, signal-to-noise ratio, 3-level impulse noise (quiet) (HP 4936A), 3-level impulse noise (quiet or tone), noise-to-ground (HP 4935A), P/AR (option HP 4935A)

Filters

HP 4935A	HP 4936A
C-message	Psophometric (P.53)
3 kHz flat	275-3250 Hz flat (O.71 impulse noise)
Program	Sound unweighted (J.16)
15 kHz flat	Sound weighted (J.16)
50 kbit	
1010 Hz notch	820 Hz notch (1020 Hz optional)

Size: 127H x 279W x 381 mmD (5.0" x 11.0" x 15.0")
Weight: 5.0kg (11 lb), 6.5kg (141b) with battery

HP 4925B Bit Error Rate Test Set

The HP 4925B Bit Error Rate Test Set provides the standard bit and block error tests and also measures errored seconds, percent error-free seconds, timing delay, and parity errors over both RS-232-C/V.24 and V.35. Complete data testing is available from the HP 4925B from 75 b/s to 19.2 kb/s for asynchronous framed or unframed systems. In synchronous systems where the HP 4925B provides the clock, data rates up to 72 kb/s are available, which makes the HP 4925B ideally suited for complete DDS testing.

Increased flexibility is afforded by a complete breakout box. You can manipulate and monitor individual signal lines on the RS-232-C/V.24 interface or crosspatch any line from the DCE side of the interface to the DTE side. The HP 4925B also transmits the FOX message using a 5-bit baudot, 6-bit EBCD, 7-bit ASCII, or 8-bit EBCDIC code to terminals and printers. It includes detection and annunciation of dropouts, clock slips, and RTS-CTS delay time. Three separate start-up tests, end-to-end, loopback and BELL 208B modem, enable dynamic testing of modems, which makes the HP 4925B extremely useful in isolating faults related to automatic equalization.

The HP 4925B is powered by six 9-volt alkaline transistor batteries, allowing greater than 50 hours of RS-232-C/V.24 operation. An ac module (HP 18185A or HP 18194A) is recommended for use with V.35 interfaces.

HP 4935S Data Transmission Test System

The HP 4935S combines the analog test power of the HP 4935A with the compact, yet powerful digital test abilities of the HP 4925B to form a complete data installation and maintenance tool. This is especially useful for those technicians who have both analog and BERT test needs.

Ordering information	Price
HP 4935A Transmission Impairment Measurement Sets	$3,605
Opt 001 Rechargeable batteries	+S380
Opt 002 add P/AR Measurement, delete noise-to-ground	+$155
Opt 003 add opt 001 & 002	+$465
HP 4936A Transmission Impairment Measuring Sets (CCITT)	$4,830
Opt 001 include 820 Hz tone, add rechargeable batteries	+$535
Opt 002 1020 Hz tone replaces 820Hz	$0
Opt 003 add opt 001 & 002	+$535
HP 4925B Bit Error Rate Test Set (does not include interfaces)	$1,450
Opt 001 Carrying Case (HP 18192A)	+$118
Opt 101 RS-232-C/V.24 (HP 18183A)	+$420
Opt 102 V.35 (HP 18184A) and 115V Power Module (HP 18185A)	+$620
Opt 104 V.35 (HP 18184A) and 220V Power Module (HP 18194A)	+$660
HP 4935S Data Transmission Test System	$5,180
Opt 001 Rechargeable batteries	+$385
Opt 002 P/AR, no noise-to-ground on HP 4935A	+$155
Opt 003 add options 001 and 002	+$465
Opt 101 RS-232-C/V.24 on HP 4925B	+$420
Opt 102 V.35 Interface and 115V Power Module (HP 18185A) on HP 4925B	+$620
Opt 104 V.35 interface and 220V Power Module (HP 18194A)on HP 4925B	+$660

Accessories

HP 4935A/4935S/4936A/4937A Accessories

HP 18132A 19-inch Rack Mount for HP 4935A/4936A/4937A	$170
HP 18134A Soft Vinyl Carrying Case for cords on HP 4935A/4935S	$144
HP 15512A 1m Audio Cable, 3-pin connectors (Siemens type) on both ends - for HP 4936A	$82
HP 15513A 1m Audio Cable, WECO 310 jack plugs on both ends - for HP 4935A, HP 4937A	$62
HP 18182A 1.5m Audio Cable, WECO 310 to alligator clips	$67
HP 18064A Noise-to-Ground Adapter for the HP 4935A; allows opt 002 & 003 instruments to also measure noise-to-ground	$139
HP 18161A ladder bracket for the HP 4935A and HP 4937A	$31

HP 4925B Accessories

HP 18183A RS-232-C/V.24 Interface	$420
HP 18184A V.35 Interface	$495
HP 18185A 115V Power Module	$124
HP 18191A Rack Mount (19")	$196
HP 18192A Carrying Case	$110
HP 18194A 220V Power Module	$165

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP