

# NETWORK ANALYZERS

## Accessories (cont'd)

### HP 8753C Series

#### HP 85032B 50 $\Omega$ Type N Calibration Kit

The HP 85032B Calibration Kit contains precision 50  $\Omega$  Type N standards used to calibrate the HP 8753C and its 50  $\Omega$  test sets for measurement of devices with 50  $\Omega$  Type N connectors. Precision phase-matched 7 mm to 50  $\Omega$  Type N adapters are included for accurate measurements of non-insertable devices. Standards include fixed terminations, open circuits, and short circuits.

#### HP 85033C 3.5 mm Calibration Kit

The HP 85033C Calibration Kit contains precision 3.5 mm standards used to calibrate the HP 8753C and its 50  $\Omega$  test sets for measurement of devices with 3.5 mm and SMA connectors. Standards include fixed terminations, open circuits, and short circuits. Precision 7 mm to 3.5 mm adapters are included for accurate measurements of non-insertable devices.

#### HP 85036B 75 $\Omega$ Type N Calibration Kit

The HP 85036B Calibration Kit contains precision 75  $\Omega$  Type N standards used to calibrate the HP 8753C and its 75  $\Omega$  test sets for measurement of devices with 75  $\Omega$  Type N connectors. Standards include fixed terminations, open circuits, and short circuits. Precision phase-matched adapters are included for accurate measurements of non-insertable devices.

#### Verification Kits

Measuring known devices, other than the calibration standards, is a convenient way of verifying that the HP 8753C measurement system is operating properly.

#### HP 85029B 7 mm Verification Kit

The HP 85029B Verification Kit contains a set of precision 7 mm devices, with data traceable to NIST, used to verify the calibrated performance of an HP 8753C measurement system. The devices have precision 7 mm connectors and include a 20 dB pad, a 50 dB pad, and a mismatch attenuator. The verification process requires only an HP 85031B calibration kit, an HP 85029B verification kit, and an external 3/4-inch disk drive connected to the HP 8753C.

Option 001 is intended solely for use with the HP 8702B Lightwave Component Analyzer. Option 001 adds verification data that is compatible with the HP 8702B.

#### Software

Software operates with a BASIC operating system, using an HP Series 300/400 computer (2 MB of memory required).

#### HP 85160A Measurement Automation Software

Measurement automation software simplifies device measurements by providing guided measurements, limit testing, sequencing to test all four S-parameters, data formatting flexibility (data files can be formatted to be compatible with Touchstone® linear circuit simulation programs), and complete save/recall capability to a floppy disk. After it is configured, you simply recall a test file and calibration data, connect the device under test, and output the results.

#### HP 8753MX Mixer Measurement System

Increase your production and R&D measurement efficiency with the HP 8753MX Mixer Measurement System. This RF analyzer system will characterize your frequency translator's performance with a single RF connection, eliminating configuration changes between tests for increased throughput. The system can measure:

- Conversion loss
- Compression
- RF and IF port SWR
- LO feedthrough (LO to RF and LO to IF)
- Isolation (RF to IF and IF to RF)
- Group delay
- Output power
- Amplitude/phase tracking

Included with the system is the HP 86370A Mixer Measurement Software, which provides a guided user interface for the system. The software, written in HP BASIC, is delivered unsecured to enable customization of the code. Measurement parameters are entered, modified, and displayed from the guided setup menu. Guided procedures are available for calibrations of reflection, transmission, and power meter measurements.

In addition to operating as a dedicated mixer measurement system, the HP 8753MX can also be used as a standard, two-port S-parameter measurement system. This unique combination of two- and three-port measurement capability makes the HP 8753MX an excellent choice for general purpose RF component test applications.

#### Ordering Information

	Price
<b>HP 8753C</b> Network Analyzer	\$27,500
<b>Opt 002</b> Harmonic Measurement Capability	+ \$3,500
<b>Opt 006</b> 6 GHz Receiver Option	+ \$3,500
<b>Opt 010</b> Time Domain Capability	+ \$5,300
<b>Opt 802</b> Add Dual Disk Drive and Cable	+ \$1,745
<b>Opt 908</b> Rack Mount Kit (w/o handles 5062-3978)	+ \$35
<b>Opt 910</b> Extra Manual (08753-90153)	+ \$150
<b>Opt 913</b> Rack Mount Kit (w/handles 5062-4072)	+ \$40
<b>HP 85047A</b> 50 $\Omega$ S-Parameter Test Set—6 GHz	\$10,800
<b>Opt 009</b> Mechanical Test Port Switch	— \$1,000
<b>Opt 913</b> Rack Mount Kit (5062-4069)	+ \$40
<b>HP 85046A</b> 50 $\Omega$ S-Parameter Test Set—3 GHz	\$9,000
<b>Opt 009</b> Mechanical Test Port Switch	— \$1,000
<b>Opt 913</b> Rack Mount Kit (5062-4069)	+ \$40
<b>HP 85046B</b> 75 $\Omega$ S-Parameter Test Set—3 GHz	\$9,000
<b>Opt 009</b> Mechanical Test Port Switch	— \$1,000
<b>Opt 913</b> Rack Mount Kit (5062-4069)	+ \$40
<b>HP 85044A</b> 50 $\Omega$ Transmission/Reflection Test Set	\$3,500
<b>HP 85044B</b> 75 $\Omega$ Transmission/Reflection Test Set	\$4,000
<b>HP 85029B</b> Precision 7 mm Verification Kit	\$1,600
<b>Opt 001</b> Data for HP 8702B	\$0
<b>HP 85031B</b> Precision 7 mm Calibration Kit	\$1,200
<b>HP 85032B</b> 50 $\Omega$ Type N Calibration Kit	\$1,700
<b>HP 85033C</b> Precision 3.5 mm Calibration Kit	\$2,600
<b>HP 85036B</b> 75 $\Omega$ Type Calibration Kit	\$2,000
<b>HP 85043D</b> System Rack	\$3,200
<b>HP 85160A</b> Measurement Automation Software	\$1,550
<b>HP 11882A</b> Upgrade Kit for HP 8753A	\$3,400
<b>HP 11883A</b> Harmonic Measurements (Opt 002) Upgrade	\$3,500
<b>HP 11884A</b> 6 GHz Receiver (Opt 006) Upgrade	\$3,500
<b>HP 85019A</b> Time Domain (Opt 010) Upgrade (HP 8753A)	\$5,300
<b>HP 85019B</b> Time Domain (Opt 010) Upgrade (HP8753B/C)	\$5,300
<b>HP 86388A</b> Upgrade Kit for HP 8753B (Rev. 3.00)	\$300
<b>HP 86389A</b> Solid-State Switch Upgrade Kit (for HP 85046A/B Test Sets)	\$1,500
<b>HP 86389B</b> Solid-State Switch Upgrade Kit (for HP 85047A Test Sets)	\$1,500
<b>HP 86205A</b> 50 $\Omega$ Bridge	\$1,300
<b>HP 86207A</b> 75 $\Omega$ Bridge	\$1,300
<b>HP 11850C</b> 50 $\Omega$ Power Splitter	\$950
<b>HP 11850D</b> 75 $\Omega$ Power Splitter	\$1,700
<b>HP 11851B</b> 50 $\Omega$ /Type N RF Cable Kit	\$1,000
<b>HP 11852B</b> 50 $\Omega$ /75 $\Omega$ Minimum Loss Pad	\$500
<b>HP 11853A</b> 50 $\Omega$ Type N Accessory Kit	\$500
<b>HP 11854A</b> 50 $\Omega$ BNC Accessory Kit	\$500
<b>HP 11855A</b> 75 $\Omega$ Type N Accessory Kit	\$500
<b>HP 11856A</b> 75 $\Omega$ BNC Accessory Kit	\$500
<b>HP 11857B</b> 75 $\Omega$ Type N Test Port Extension Cables	\$1,455
<b>HP 11857D</b> 50 $\Omega$ APC-7 Test Port Extension Cables	\$1,250
<b>HP 11600B/11602B</b> Transistor Fixtures	\$2,500
<b>HP 11858A</b> Transistor Fixture Adapter	\$980
<b>HP 8753MX</b> Mixer Measurement System	\$78,400

☎ For off-the-shelf shipment, call 800-452-4844.