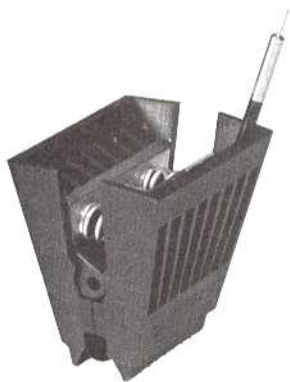


# OSCILLOSCOPES

## Probes and other accessories (cont.)



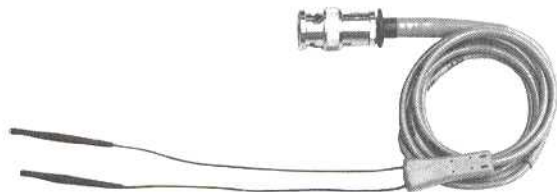
10024A IC Test Clip



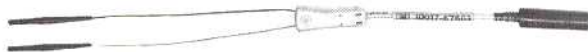
BNC to Probe Adapter  
1250-1454



10028A Jumper Cable is supplied with a slip-on IC probe tip adapter for easy access to IC leads.



10019A Cable Assembly



10017-67603 Coaxial Adapter Cable



10017-67604 Mini to Standard Probe Adapter

### Miniature Probe Accessories

#### 10024A IC Test Clip

Model 10024A IC Test Clip provides easy probing of dual in-line packages and includes four insulated circuit interface pins. Additional circuit interface pins are available (see Ordering Information) in packages of twelve pins. Each pin has a tip on each end so that probes such as those on HP Logic Analyzers can be connected for fast, functional checks of circuit operation.

#### 10036B and 10037B Probe Tip Kits

Models 10036B and 10037B probe tip kits increase probing versatility with an assortment of 6/32 screw-on tips. Slip-on to 6/32 adapters are included for compatibility with the miniature probes.

#### 10028A Jumper Cable

Model 10028A 50 ohm 610 mm (24 in.) miniature probe/jumper cable is designed primarily for bypassing suspected faulty circuits in densely populated IC circuits. The basic tip on either end of the cable inserts directly into a 10024A IC Test Clip, allowing easy temporary connections between IC's without the danger of shorting between pins. The cable can also be used as a 50 ohm 1:1 probe to insert signals from an external source or as an input source to an external measuring device. For the latter uses, Probe Tip to BNC Adapter (HP P/N 1250-1454) is available.

#### 10019A BNC to Square Pin Cable Assembly

Model 10019A cable assembly is designed for connecting test equipment to 0.64 mm–0.76 mm (0.025 in.–0.030 in.) square pin signal nodes or to integrated circuits through the 10024A IC Test Clip. This adaptable cable assembly is primarily used as:

a. A signal pick-off device for applying circuit signals to the input of test equipment such as oscilloscopes, voltmeters, etc. An application is the checking of voltages on computer back plane pins.

b. A signal insertion cable for inserting signals into suspected faulty circuits from power supplies, pulse generators, etc. Used in conjunction with Model 10024A IC Test Clip, signals are easily inserted into the proper IC leads.

For applications requiring greater separation between the circuit nodes and the instrumentation, the 10019A may be extended by using a BNC to BNC adapter (HP P/N 1250-0080) and a 50 ohm test cable such as the 122 cm (48 in.) Model 11170C. And when the test equipment hookup requires a dual banana plug, BNC to Dual Banana Plug Adapter (HP P/N 1251-2277) is available.

#### 10017-67603 Coaxial Adapter Cable

HP P/N 10017-67603 is a 230 mm (9 in.) 50 ohm slip-on adapter cable for miniature and standard HP probes that provides a coaxial interface to 0.64 mm (0.025 in.) square pin circuit nodes. The cable is ideal for probing computer back planes as well as wire wrap terminals. HP P/N 10017-67604 mini to standard probe adapter allows the cable to slip directly onto the HP Easy IC Miniature Probe tip with the insulating barrel removed.

#### 10017-67604 Mini to Standard Probe Adapter

HP P/N 10017-67604 allows standard size slip-on probe tip accessories to be used with HP miniature probes. With the retractable insulating barrel removed from the miniature probe and replaced with the 10017-67604 adapter, the probe slides directly into the standard size probe tip accessories.

#### Digital Trigger Probes

Model 10250A (TTL) 4 bit Trigger Probe is a useful service, production, and design troubleshooting tool that offers digital pattern triggering to enhance the use of oscilloscopes, logic analyzers, and other test equipment.

The compact Model 1230A 8-bit Logic Trigger unit generates a trigger output pulse (TTL compatible) from parallel digital pattern recognition with digital delay capability for oscilloscopes or other externally triggered test equipment.

#### Ordering Information

	Price
10024A IC Test Clip for easy probing of dual in-line packages; includes 4 insulated circuit interface pins	\$15
10024-69501 Interface Pin Kit for 10024A; includes 12 interface pins	\$19
1250-1454 BNC to probe adapter permits the miniature probes to be connected to BNC connectors to maintain fast pulse response.	\$8.25
10036B Probe Tip Kit	\$45
10037B Probe Tip Kit	\$50
10028A Jumper Cable	\$50
10019A Cable Assembly	\$30
10017-67603 Coaxial Adapter Cable	\$20
10017-67604 Mini to Standard Probe Adapter	\$5
10250A Trigger Probe (TTL)	\$125
1230A Logic Trigger	\$495