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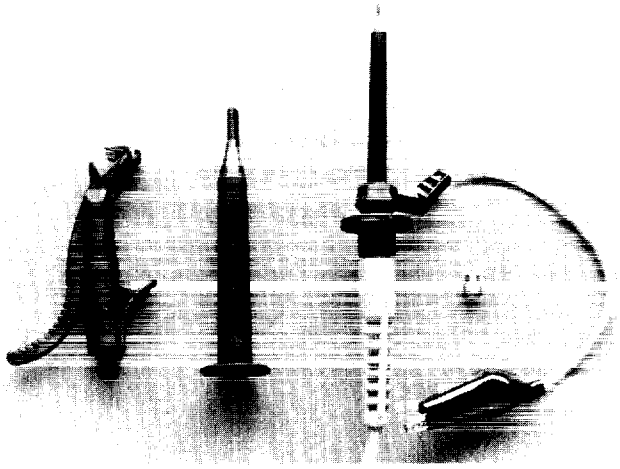
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- Modular construction
- Improved electrical performance
- New accessories



The HP 10400A Miniature Probe Family

The HP 10400A miniature probe family offers modular construction, improved reliability, and superior electrical performance over our previous mini-probes. Modular construction allows individual replacement of probe tips, cables, and chassis assemblies cutting down on probe replacement and repair costs. Improved cable and strain relief design increase reliability. Electrical performance is also improved by reducing the probe shunt capacitance and increasing the input resistance that load the circuit under test.

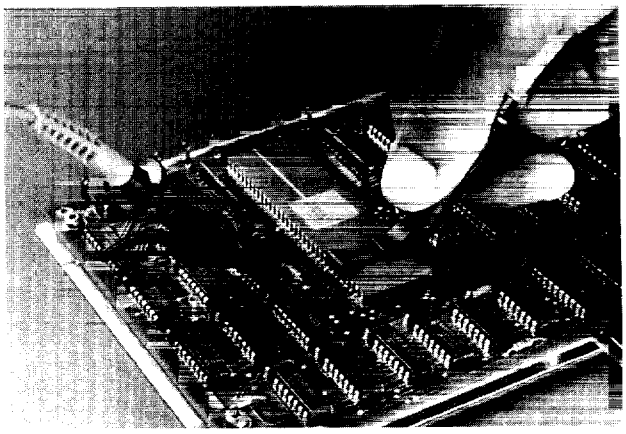
The HP 10400A mini-probe family also features new accessories (see below) including a new ground lead utilizing a ferrite bead for reduced ringing on pulse tops, and a new IC grabber that allows easy connection of a single probe to many IC packages without fear of shorting adjacent pins.

OSCILLOSCOPE/MINIATURE PROBE COMPATIBILITY AND PROBE CHARACTERISTICS

HP Oscilloscope/ Logic Analyzer	HP Probe Model No.	Approx Overall Length in Metres (ft)	Division Ratio	Input R	Approx Shunt Capacitance	Compensates Oscilloscope Input	Max dc Volts	Price	
Same as 10431A but without probe indent	**10430A**	1m (3.3)	10:1	10MΩ	6.5 pF	1MΩ 6-9 pF	450	$115	☎
54111D, 54112D	**10431A***	1m (3.3)	10:1	10MΩ	6.5 pF	1MΩ 6-9 pF	450	$120	☎
1631A/D, 1715/22/25/26/27 1805/09, 54200/201, 54501, 5185	**10432A****	1m (3.3)	10:1	10MΩ	7.5 pF	1MΩ 10-16 pF	450	$105	☎
1631A/D, 16530/31, 5185 54003A, 54200/201, 54501	**10433A**	2m (6.6)	10:1	10MΩ	10 pF	1MΩ 10-16 pF	450	$105	☎
1740/41/42/43/44/45/46	**10434A**	1m (3.3)	10:1	10M Ω	8 pF	1MΩ 18-22 pF	450	$105	☎
1631A/D, 1715/22/25/26/27 1805/09, 54200/201, 5185	**10435A**	1m (3.3)	10:1	1MΩ	7.5 pF	1MΩ 10-16 pF	450	$115	☎
1740/41/42/43/44/45/46	**10436A**	2m (6.6)	10:1	10MΩ	11 pF	1MΩ 18-22 pF	450	$110	☎
For oscilloscopes with 50 Ω inputs	**10437A**	2m (6.6)	1:1	50Ω				$80	☎
All scopes with high Z inputs (may reduce bandwidth)	**10438A** **10439A**	1m (3.3) 2m (6.6)	1:1 1:1		40 pF 64 pF		450 450	$85 $90	☎
1631A/D, 1715/22/25/26/27 1805/09, 1950A, 54112D† 54003A, 54111D†, 54200/201†	**10440A**	2m (6.6)	100:1	10MΩ	2.5 pF	1MΩ 6-14 pF	450	$115	☎

Note 1: Maximum input voltage may be limited by scope input maximum voltage.
*Has probe identification pin.
**The 54201A/D can use the HP 10432A or HP 10435A probes for the vertical inputs but the HP 10435A probe must be used for trigger inputs.
†For vertical inputs only

☎ Fast ship product see page 766



HP 10400A Family Accessories

Each 10400A family probe is shipped with one general purpose grabber, one IC grabber, and one ground lead. An accessory package is also included which contains 4 grounding spanners (for close grounds at the probe tip), 1 probe barrel insulator, 1 adjustment screwdriver, and 8 colored cable markers.

The photo at left illustrates use of the IC grabber. This device fits DIPs with 0.1 inch pin spacing (standard) and up to 0.9 inch package width. It is handy for connecting the mini-probe tip to a single DIP pin. Construction prevents shorting adjacent pins during hook-up. For applications where several adjacent DIP pins must be probed, the 10024A accessory can be used (see next page).

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