

Logic Testers — continued

**Logic Dart**  
Advanced Logic Probe



The new HP Logic Dart is an advanced logic probe in a hand held instrument, than can monitor logic activity, measure dc voltages, check frequencies and timing diagrams to 10ns resolution.

- Audio and visual feedback
- Ability to store 10 waveforms for comparison
- Preset levels for TTL, CMOS and ECL
- 3 channel timing analyser, 100 Ma/s sample rate
- 2048 point signal acquisition at 100MSa/s
- Display cursors and readouts for instant answers
- Real time clock, user selected format
- Selectable languages, English, German, French, Spanish and Italian

H = 38, W = 89, D = 198

**Ranges**

Logic families	TTL, 5V, CMOS, 3.3 CMOS, ECL, USER 1, USER 2
Logic monitor	100MS a/s samples rate ≥15ns glitch detect
Timing analyser	3 channels, 100 M sa.s sample rate
Triggering	Edge, pattern, edge/pattern combination
dc voltages	±35V (3½ digits), ±(0.5% of reading +2 counts)
Frequency	1Hz to 33 MHz
Resistance	0.01kΩ to 200KΩ
Continuity threshold	80Ω minimum, 140Ω typical
Power	3 1.5V AA alkaline or lithium
Weight	0.4kg

T399

	Order Code	1+	2+	5+	Price Each
Logic dart	574-168				
Assembled probe with brower	574-170				
Replacement probe	574-181				
Probe accessory kit	574-193				

**TTL and CMOS Probes**

**RYLEY**



- TTL or CMOS compatibility
- Logic probes enable point by point check of logic states
- Logic 1 and 0 are indicated by contrasting red and green LED
- Logic probe threshold automatically set to 70% and 30% of the probe supply voltage
- Logic clips suitable for checking all 14 and 16 pin digital IC's
- Indicates the logic state of each pin
- Lamp off = logic 0, lamp on = logic 1 or open circuit
- TTL logic clip suitable for all TTL and DTL and compatibility 5V logic
- CMOS suitable for checking all CMOS (5 to 15V), or TTL (5V)

T73

Probes	Order Code	1+	5+	10+	Price Each
TTL	103-012				
CMOS	103-013				
<b>Clips</b>					
TTL	103-010				
TTL/CMOS	103-011				

**Test Probes**

**BNC Adapter Lead**  
BNC-AL 0.64



- BNC adapter lead with insulated sockets for 0.64mm diameter
- Fits to MICRO SMD Clip 1 (Order Code 857-049)
- Red inner lead, black shielding
- Cable type RG58 A/U 50Ω
- For use with oscilloscopes, PC cards ets

Rated Voltage: 60Vdc  
Temperature Range: -15°C to +70°C  
Length: 1200mm

T466

Order Code	1+	5+	Price Each
BNC-AL 0.64	401-7468		

**Tweezer Set**  
76-001



SMD component testing tweezers designed to grip small components during testing.



- Isolated contact tips connect to 4mm banana plugs
- 1m cable length
- Durable gold plated contact tips
- Rated 400V RMS 1A

T568A

Mfrs. List No.	Order Code	1+	5+	10+	Price Each
76-001	356-2402				

**Male BNC Adaptor**



A low cost BNC male connector to 4mm binding posts.



- Black thermoplastic body
- Rated 500V RMS 3A

T568A

Mfrs. List No.	Order Code	1+	5+	10+	Price Each
76-005	356-2414				

**Insulated BNC to Sheathed 4mm Sockets Adaptor**



A low cost insulated BNC connector to 4mm sockets.



- Insulated male BNC, body and sockets
- Meets IEC-1010 500V CAT I and 150V CAT III, 3A

T570A

Mfrs. List No.	Order Code	1+	5+	10+	Price Each
76-083	356-2463				

**Surface Mount Test Lead Set**



- Extra sharp tips for small surface mount components
- Highly flexible silicone leads
- Set includes 1 red, 1 black test probe body, 1 red, 1 black 60" 4mm sheathed, straight to right-angle plugs
- 1000V CAT III 20A probe body



T571A

Mfrs. List No.	Order Code	1+	5+	10+	Price Each
76-090	356-2475				