

Reset procedures

Calc model	Action / sequence to execute	Expected normal result
6S – 6S Solar	[AC] or [C/CE]	0
9S	Not available	
9G	[2 nd] + [0] right arrow key ENTER	RESET= <u>N</u> Y RESET= <u>N</u> <u>Y</u> MEM CLEARED
10BII	[ON] + [N] + [FV] clears all memory	COPr HP 2000 ALL CLEAR
12C, 12c plat	Switch off, then [ON] + [-] ([-] first pressed, [-] last released)	Pr Error
17BII	[CLR] + [3 rd] several times (clears memory) [CLR] + [1 st] + [6 th] (resets the machine)	MACHINE RESET MEMORY LOST
17bII+	[CLR] + [3 rd] (clears memory) [CLR] + [1 st] + [6 th] (resets the machine)	MACHINE RESET MEMORY LOST
30S	[M+] + [CONST] clear all memory [2 nd] [RESET] select Y to reset the calculator	Clears the display RESET: <u>N</u> Y MEM CLEARED
32SII	[C] + [LN] (resets machine) [C] + [\sqrt{x}] + [Σ +] clears all memory	0.0 (depends on set of the display) MEMORY CLEAR
33S	[C] + [LN] (resets machine)	0.0 (depends on set of the display)
38G	[ON] + [3 rd top key] resets machine [ON] + [1 st top key] + [6 th top key] clears all memory OK [6 th top key]	Clears the display Memory Clear Clears the display
39G+/39G/40G	[ON] + [3 rd top key] resets machine [ON] + [1 st top key] + [6 th top key] clears all memory OK [6 th top key]	Clears the display Memory Clear Clears the display
48G series	[ON] + [C] resets machine [ON] + [A] + [F] clears all memory NO [F6]	Clears the display Try To Recover Memory? Memory Clear
48gII	[ON] + [C] resets machine [ON] + [A] + [F] clears all memory NO [F6]	Clears the display Try To Recover Memory? Memory Clear
49G	[ON] + [F3] reset machine [ON] + [F1] + [F6] clear all memory NO [F6] OK [F6]	Clears the display Try To Recover Memory? Memory Clear Clears the display
49g+	[ON] + [F3] reset machine [ON] + [F1] + [F6] clear all memory NO [F6] OK [F6]	Clears the display Try To Recover Memory? Memory Clear Clears the display
82240B	Switch off and switch on	Print head goes out and back

Keyboard test procedures

Calc model	Action / sequence to execute	Expected normal result
6S – 6S Solar	Not available	
9S	Not available	
9G	See internal test procedures	
10BII	See internal test procedures	
12C, 12c plat	Switch off, then [ON] + [÷] ([÷] first pressed, [÷] last released) Then press all keys (*)	12
17BII	[ON] + [4 th] [INPUT] several times Then press all keys (*) [INPUT]	Up to KBD KBD OK OK-17B II-I
17bII+	[ON] + [4 th] [3] For [3KB]. Then press all keys (*) [ON] + [3 rd]	Each pixel is linked to the one key. When you press the key, pixel disappears.
19BII	No test available. Try all keys one by one	
20S	[C] + [LN] then [C] + [Y^x] then any key 4 times Wait 2 seconds Then press all keys (*) [C] + [LN] to stop procedure	COPr. HP 1987 01 20 – Good
30S	[2 nd] [RESET] resets the machine [2 nd] + [+/-] + [DEL] run the autotest menu [2] run the keyboard test Then press all keys [ENTER] [ENTER] [ENTER] exit autotest menu [2 nd]+[+/-]+[DEL] [ENTER] [ENTER] to stop autotest before completion of the test	RESET: <u>N</u> Y TEST: 1)D 2)K Displays bars Clear bars one by one Clear screen Clear screen
32SII	[C] + [LN] then [C] + [Y^x] then any key 8 times Wait 2 seconds Then press all keys (*) [C] + [LN] to stop procedure	COPR. HP 87,90 KBD 01 32SII – OK
33S	See internal test procedures	
38G	[ON] + [4 th top key] then [5 th top key] Then press all keys [ON] + [3 rd top key] to stop procedure	KBD1 KBD1 OK
39G+	[ON] + [4 th top key] then [2] to start the keyboard test Then press all keys [ON] + [3 rd top key] to stop procedure	Each black square is linked with the each key. When you press the key, the square change the colour to white
39G/40G	[ON] + [4 th top key] then [3] to start the keyboard test	Tests menu displayed Kbd1

	Then press all keys (**) [ON] + [3 rd top key] to stop procedure	Kbd1 OK
48G series	[ON] + [D] then [E] Then press all keys [ON] + [C] to stop procedure	KBD1 KBD1 OK
48gII	[ON] + [D] then [2] Then press all keys [ON] + [C] to stop procedure [ON] + [F] then [2] Then press all keys [ON] + [C] to stop procedure	Each black square is linked with the each key. When you press the key, the square change the colour to white
49G	[ON] + [F4] then [3] to start the keyboard test Then press all keys (***) [ON] to stop procedure	Tests menu displayed Kbd1 Kbd1 OK
49g+	[ON] + [D] then [2] Then press all keys [ON] + [C] to stop procedure [ON] + [F] then [2] Then press all keys [ON] + [C] to stop procedure	Each black square is linked with the each key. When you press the key, the square change the colour to white
82240B	Right button	Print head goes out and back

*) Press all keys from the left to the right one row after another, moving up to down

**) On the HP39G/40G, key sequence for the second row is [SYMB], [PLOT], [NUM], [Up arrow] and for the third row it is [HOME], [APLET], [VIEWS], [Left arrow], [Down arrow], [Right arrow]

***) On the HP49G, key sequence for the second row is [APPS], [MODE], [TOOL], [Up arrow] and for the third row it is [VAR], [STO], [NXT], [Left arrow], [Down arrow], [Right arrow]

Internal test procedures

Calc model	Action / sequence to execute	Expected normal result
6S – 6S Solar	Not available	
9S	Not available	
9G	<p>[2nd] [RESET] [2nd]+[ALPHA]+[(-)] (runs the auto test menu)</p> <p>[1] (runs the display test) [ENTER] (to continue) [DRG] (back to test display) [2] (runs the keyboard test)</p> <p>[ENTER] (to continue) [3] (runs the loop test) [DRG] [ENTER] (exit auto test menu) [ENTER]</p>	<p>RESET: <u>N</u> Y TEST= 1 D 2 K 3 LOOP (Displays all pixels) (...misc patterns-no error message)</p> <p>(dot will disappear upon each key to be pushed)</p> <p>checking the contrast</p>
10BII	[ON] then [ON]+[PMT] , [N] , [MU] , [CFj] , [RM] , [÷] , [6] , [2] , [0] , [ON]	(All indicators and digits should be displayed at each key stroke) GOOD (displayed for 1 second)
12C, 12c plat	Switch off, then [ON] + [*] ([*] first pressed [*] last released)	running -8,8,8,8,8,8,8,8,8,
17BII	[ON]+[5 th top key] [ON] to stop the looping test	OK 17B II-I COPYRIGHT HP 1987
17bII+	[ON] + [4 th] then select which test you want to perform [ON] + [3 rd] to stop procedure	1LD 2LC 3KB 4SPD 5CKS 6MEM 7IR 8CRYSTAL 9BUZ
20S	Not needed : included in keyboard test	
30S	<p>[2nd] [RESET] [2nd]+[+/-]+[DEL] (runs the auto test menu) [1] (runs the test) [ENTER] [ENTER] [ENTER] (test) [DRG] [ENTER] [ENTER] (exit auto test menu)</p>	<p>RESET: <u>N</u> Y TEST:1)D 2)K (Displays all pixels) (...misc patterns-no error message)</p> <p>TEST:1)D 2)K (Clears screen)</p>
32SII	Not needed, included in kbd test	
33S	<p>[C]+[y^x] press any key 8 times Starting from e^x then moving from left to right press each key in the row. When you press + key, continue to press ENG ↑ MODES ← → SOLVE ↓ DISPLAY [C] + [LN] to finish the testing</p>	<p>2003 HP DEV CO.L.P. then KBD 01</p> <p>33S-OK</p>
38G	[ON]+[5 th top key] [ON]+[3 rd top key] (to stop the looping test)	OK-38

39g+	[ON]+[3rd top key] (resets the machine) [ON]+[5th top key] (runs a continuous test) [ON]+[3rd top key] For each single test please press [ON]+[4th top key] and run single test or [ON]+[6th top key] and run single test	(Clears the display) COPYRIGHT 2003 HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. (Clears the display)
39G/40G	[ON]+ [3rd top key] (resets the machine) [ON]+ [5th top key] (runs a continuous test) [ON]+ [3rd top key] (to stop the looping test)	(Clears screen) HP39/40 OK (Clears screen)
48G series	[ON]+[C] (resets the machine) [ON]+[E] (runs a continuous test) [ON]+[C]	(Clears the display) OK-48 (Clears the display)
48gII	[ON]+[C] (resets the machine) [ON]+[E] (runs a continuous test) [ON]+[C] For each single test please press [ON]+[D] and run single test or [ON]+[F] and run single test	(Clears the display) COPYRIGHT 2003 HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. (Clears the display)
49G	[ON]+[F3] (resets the machine) [ON]+[F5] (runs a continuous test) [ON]+[F3]	(Clears the display) HP49 OK (Clears the display)
49g+	[ON]+[F3] (resets the machine) [ON]+[F5] (runs a continuous test) [ON]+[F3] For each single test please press [ON]+[D] and run single test or [ON]+[F] and run single test	(Clears the display) COPYRIGHT 2003 HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. (Clears the display)
82240B	Switch off the printer. Insert paper. Press [right button] and hold down. Switch on	Prints 10 test lines and information about the battery level