



HP-25 PROFIBUS DP Cable Tester



This small handheld device checks for the most frequently found cable connection faults seen with PROFIBUS DP wiring between pairs of 9-pin D-sub PROFIBUS plugs.

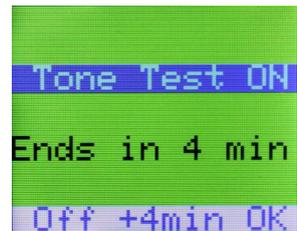
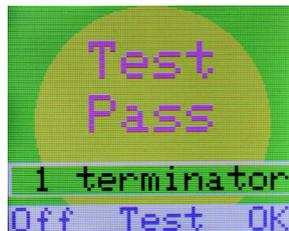
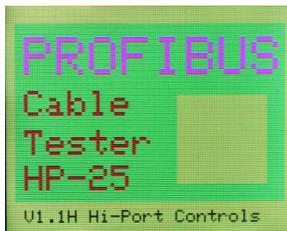
The software checks for open lines, short circuits and crossed connections, reporting any such failures on a red background, with sound signal and text details shown on the front panel colour display. Correct connection test results are reported on a green screen, with different sound signal and show the number of activated terminator switches detected on the tested cable. If more than 2 terminators are detected this is reported as a fault.

Fault details are emphasized by display of associated conductor colour information, showing green, red or black backgrounds for A line, B line or cable screen/shield respectively.

In addition to connection testing, the unit also allows test tone output onto the PROFIBUS A line, to enable clear separation of IN and OUT cables at a remote location before connection to plug or other unit. Correct orientation of cables within all PROFIBUS plugs and devices is important. A tone detector probe is included for identification of these signals: this unit, as shown in following photo, includes separate tone generation module for tracing LAN and telecom wiring. Both modules are powered by button cells which are provided.

The HP-25 tester is powered by a single 9 volt PP3 battery, with re-chargeable versions also suitable.

The HP-25 tester is only suitable for use on **totally unpowered cables**.



The Hi-Port HP-25 is supplied with silver end of cable test plug, spare PP3 battery and tone detector probe, all in a robust carry case (as in above photo).

Currently used in 13 different countries. French language version also now available. Agents in USA, Canada, France, Ireland and South Africa.

Power	9 volt dry battery – 4 to 12 mA current (depending on user selected display brightness)	
Tested Cable Length	1 to 1,000 metres	
Certifications	CE EMC emission and susceptibility	
Item	Dimensions in millimetres	Weight in grams
HP-25 Cable Tester	118 x 77 x 24	168 (complete with battery)
Tone Detector	195 x 47 x 30	122 (complete with batteries)
Cable end test plug	45 x 31 x 16	20
Battery (9 volt PP3)	48 x 25 x 16	45
All above packed to ship	300 x 190 x 85	750 (complete with 2 batteries)