

The Electronic Workstation meets all your power and instrumentation needs for electronics education and prototyping in one self-contained, easily portable unit.

The Electronic Workstation is a multifunction electronics workbench for electronics engineers. It combines a number of instruments that make the development and learning of electronic systems easier.

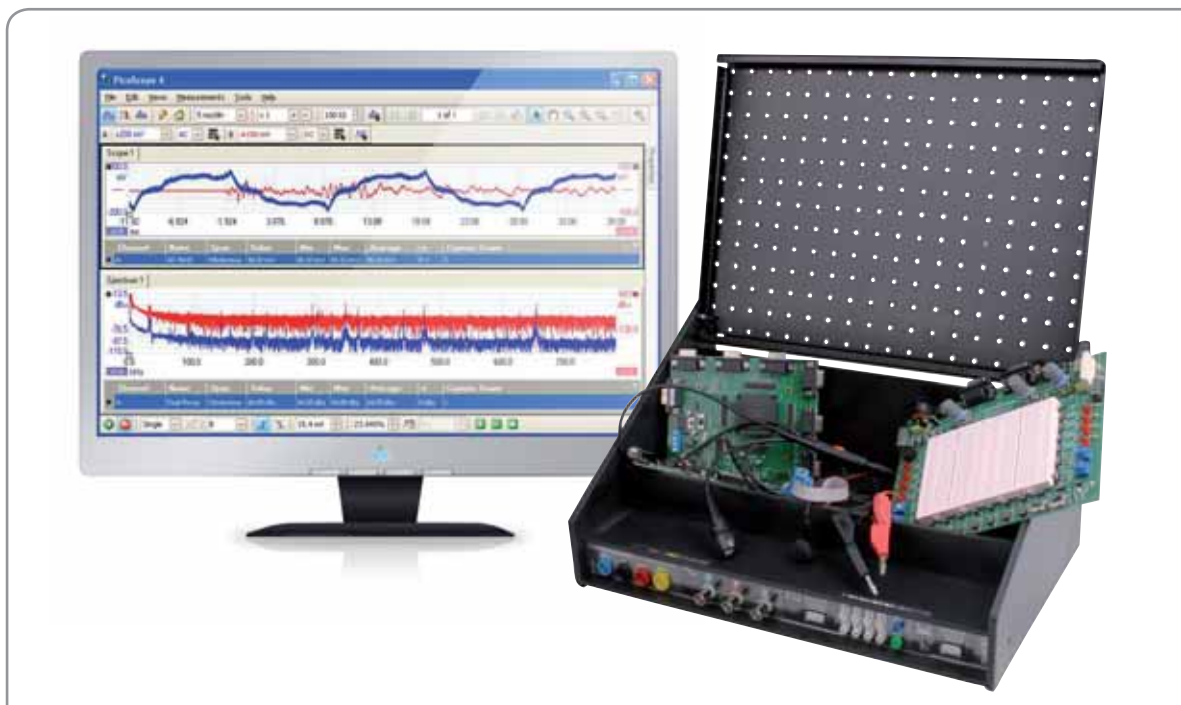
The Electronic Workstation consists of a number of virtual instruments housed in a rigid plastic case. The front panel of the Electronic Workstation has 2 analogue oscilloscope inputs, a signal generator output, 8 channel logic analyser / digital signal generator connectors, 8 channel PC interface connectors which supports use with LabView, Visual Basic, C etc. and power supply outputs. The angled top of the unit is fabricated from strong anodised black aluminium with a grid of holes that make it suitable for use with E-blocks. This lifts up to reveal a storage area for leads and accessories. The oscilloscope inputs and signal generator output are presented on standard 50ohm BNC connectors. The range of leads supplied with the Electronic Workstation includes: 1 x USB leads, 2 x 9-way D-type leads, 2 x 50ohm scope probes, 10 x 2mm micro gripper analyser probes and 25 x backplane mounting pillars and red and black 4mm 'banana' leads.

A compact version of the Electronic Workstation is available, which folds down flat and comes in a kit containing the leads and accessories (see the following page for more information).



Features

Power supply	
+12V (2A) / -12V (0.8A) .5V(5A)	Yes
Digital multimeter	Yes
2 channel oscilloscope	
Bandwidth	25MHz
One channel sampling rate	40MHz
Scope resolution	8 bit
Signal generator	Variable
External trigger	-
Arbitrary waveform generator	Yes
Spectrum analyser	
Bandwidth	25MHz
Logic analyser	
Channels	8
Sample rate	24MHz
Digital signal generator	Yes
Bus decoder	Yes
PC interface	
Channels	8

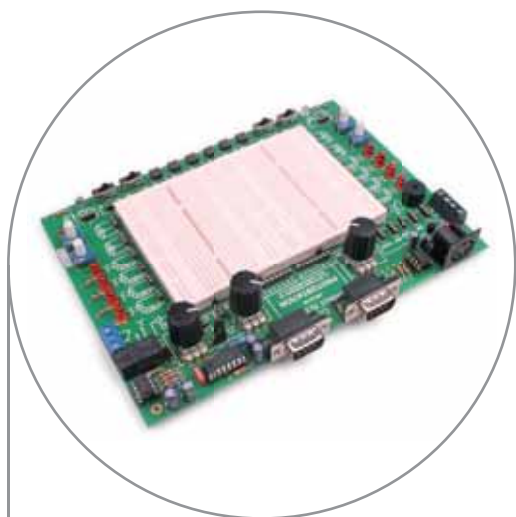




Electronic Workstation - desktop

The angled top of the Electronic Workstation desktop version lifts up to reveal a storage area for leads and accessories. See the previous page for a list of the leads and accessories included with this product.

Ordering information	
Electronic Workstation EU	HP886EU
Electronic Workstation UK	HP886UK
Electronic Workstation USA	HP886USA



Protostation

Protostation is the perfect complement to the Electronic Workstation. Together they form a complete electronics prototyping and analysis system that needs less desk space than an open textbook. Protostation can also be used on its own for the convenience of its integral signal sources and output devices.

- Large prototyping area
- Build circuits with no soldering or tools required
- Easy access to controls and transducers
- Make your prototypes more portable
- Free your work space from clutter

The Protostation features 0.1" pitch sockets which take standard IC packages. It also contains 2 E-blocks ports, a versatile range of supply voltages, a signal generator and the following inputs and outputs:

- Inputs: Switches, potentiometers, phototransistors, thermistors, voltage source
- Outputs: LEDs, buzzer, relay

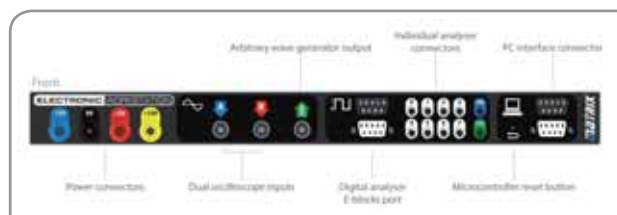
Protostation fixes to the backplane of the Electronic Workstation creating a compact, portable and extremely sturdy prototyping system.

Ordering information	
Protostation	HP512



Electronic Workstation - compact

The compact version of the Electronic Workstation is housed in a plastic case with a folding backplane that can be angled at 45° or left flat.



Ordering information	
Electronic Workstation with case EU	HP834EU
Electronic Workstation with case UK	HP834UK
Electronic Workstation with case USA	HP834USA