



## Programmable DC Electronic Load 0~80V / 0~40A



The 3721A Programmable DC Electronic Load provides excellent performance with sophisticated features found on much more expensive units. This 400 watt, 40 Amp, 0~80 volt Programmable DC Electric Load can be used to test all sorts of DC power sources including power supplies and is especially helpful to battery manufacturing processes. This DC load features constant voltage, constant resistance, constant current and constant power settings. The end user can design programs that control precisely all of the load values and time durations for each step of a test sequence. Up to nine 10 step programs can be internally stored in the 3721A Programmable DC Load.

4 basic functions: CC, CV, CR & CP

8 basic test modes: CCL, CCH, CV, CRL, CRM, CRH, CPV & CPC

Minimum operating voltage is less than 0.6v at the load's full rated current.

High-speed sequence, high-speed transient, short circuit, battery discharge and other functions.

Programmable current slew rate.

Multiple groups of parameters and lists can be saved & recalled.

Supports SCPI and LabView with included software.

Current Rating: 0~40A

Voltage Rating: 0~80V

Power Rating: 400W at 40°C

Item#

**CSI3721A**

**\$720.00**

[www.CircuitSpecialists.com/CSI3721A](http://www.CircuitSpecialists.com/CSI3721A)

## Programmable DC Electronic Loads



These devices can be used with supplies up to 360VDC and 30A. It features a rotary selection switch and a numeric keypad used to input the maximum voltage, current and power settings. These electronic DC loads are perfect for use in laboratory environments and schools, or for testing DC power supplies or high-capacity batteries. It also features memory, and can also be connected to a PC, to implement remote control and supervision.

**360V/150W (CSI3710A) \$349.00**

[www.circuitspecialists.com/csi3710a](http://www.circuitspecialists.com/csi3710a)

**360V/300W (CSI3711A) \$499.00**

[www.circuitspecialists.com/csi3711a](http://www.circuitspecialists.com/csi3711a)

## Your Hot Air Rework Headquarters

Surface-Mount components have taken over from through-hole components in many electronic products produced today. Circuit Specialists, Inc stocks numerous Hot Air Rework solutions to handle this trend.

Our many rework solutions offer a wide range of nozzle designs and many have built-in holders for efficient placement of the air stream for proper application of heat/airflow over the desired component.

[www.circuitspecialists.com/hot-air-rework](http://www.circuitspecialists.com/hot-air-rework)



BlackJack SolderWerks  
Hot Air System  
with Suction Pen  
& Mechanical Arm.

**BK4050**  
**\$119.00**

[www.circuitspecialists.com/bk4050](http://www.circuitspecialists.com/bk4050)



BlackJack SolderWerks  
Hot Air Rework Station  
with Digital Display, Mechanical  
Arm & 70w Soldering Iron.

**BK5050**  
**\$169.00**

[www.circuitspecialists.com/bk5050](http://www.circuitspecialists.com/bk5050)



BlackJack SolderWerks  
Deluxe Rework System with  
Hot Air, Soldering Iron, Suction  
Gun & Mechanical Arm.

**BK6000**  
**\$229.00**

[www.circuitspecialists.com/bk6000](http://www.circuitspecialists.com/bk6000)



CircuitSpecialists.com  
Compact Rework Center with  
Hot Air Gun and Soldering Iron.

**CSI899A+**  
**\$99.00**

[www.circuitspecialists.com/csi899a+](http://www.circuitspecialists.com/csi899a+)



CircuitSpecialists.com  
ESD Safe, CPU Controlled,  
SMD Hot Air Rework Station  
with Hot Air Gun & Suction.

**CSI825A**  
**\$99.00**

[www.circuitspecialists.com/csi825a](http://www.circuitspecialists.com/csi825a)



CircuitSpecialists.com  
ESD Safe SMD Rework Station  
with Hot Air Gun  
& Soldering Iron.

**CSI906**  
**\$99.00**

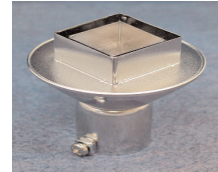
[www.circuitspecialists.com/csi906](http://www.circuitspecialists.com/csi906)



CircuitSpecialists.com  
Hot Air Gun w/Digital Display for  
Surface Mount Devices.

**CSIHOTGUN-2**  
**\$89.00**

[www.circuitspecialists.com/csihotgun-2](http://www.circuitspecialists.com/csihotgun-2)



CircuitSpecialists carries a large  
selection of Nozzles for BGC,  
PLCC, QFP, SOP and single  
point applications.

[www.circuitspecialists.com/hot-air-nozzles](http://www.circuitspecialists.com/hot-air-nozzles)

## 60 Watt Digital Soldering Station

For use with traditional or Lead Free Soldering



This is a terrific soldering station featuring a microprocessor controlled temperature set up system with great versatility. The unit includes 3 preset temperature settings that are user definable so you can turn on the system & push one button to go to the temperature range you desire. Specific system temps can also be set with an easy to use push button up/down button AND when you turn off this station, the unit keeps the last used temperature in memory & automatically returns to that setting the next time the user turns the system on. The temperature display can be set to display in Celsius or Fahrenheit scale.

The CSI-Station-3DLF is a powerful 60 watt soldering system. The fast heat recovery provided by a 60 watt system like this allows the user to solder both traditional solder and lead free solder. This system features a grounded tip to protect delicate circuits from static charge. Also included is a separate iron holder. Circuit Specialists stocks a large supply of tips for this station.

Features:

- \* 60 watt dual core ceramic heater
- \* 150 to 450 degree Celsius Temperature range
- \* Versatile easy to read liquid crystal display
- \* 3 preset & user definable temperature settings.
- \* Automatically remembers previous temperature setting
- \* Display in Celsius or Fahrenheit scale
- \* 3 foot cord length from station to iron tip
- \* Broad selection of replacement tips available



Item#

**CSI-Station-3DLF**

**\$49.00**

[www.CircuitSpecialists.com/CSI-Station-3DLF](http://www.CircuitSpecialists.com/CSI-Station-3DLF)

Circuit Specialists carries a wide selection of traditional & lead-free soldering equipment, including soldering irons, soldering stations, hot-air rework stations, focused infrared systems, reflow ovens, pre-heating systems, regular and lead-free solder, solder flux, and soldering aids for both thru-hole and surface-mount soldering.

See our complete line of soldering equipment at:

[www.CircuitSpecialists.com/soldering-equipment](http://www.CircuitSpecialists.com/soldering-equipment)







We carry a LARGE selection of Power Supplies, Soldering Equipment, Test Equipment, Oscilloscopes, Digital Multimeters, Electronic Components, Metal and Plastic Project Boxes, Electronic Chemicals, PC Based Digital I/O Cards, Panel Meters, Breadboards, Device Programmers, and many other interesting items. Check out our website at: [www.CircuitSpecialists.com](http://www.CircuitSpecialists.com)

## Best Value, Low Cost Station CSI-Station1A



Easily our best value in our selection of soldering stations. O.E.M. manufactured just for Circuit Specialists Inc., so we can offer the best price possible! The CSI-Station1A features a grounded tip & barrel for soldering static-sensitive devices and uses a ceramic heating element for fast heat up & stable temperature control.

The control knob is calibrated in Fahrenheit & Celsius (392° to 896°F and 200° to 480°C). One of the nicest features is the high quality comfort grip soldering iron. The iron connects to the station via an easy screw-on connector making iron replacement a snap. The 1 meter length iron cord provides plenty of length for users to set up the station in a convenient location. Another nice feature is the soldering iron holder. Made of rugged aluminum, it is a separate piece from the main station & allows the user maximum convenience....you don't have to reach all the way back to the station to store the iron. Yet another feature is the stackable design of the CSI-Station1. The main station is designed for an additional unit to be placed on top of it allowing for space saving placement of the CSI-Station1A. Also included at no additional charge is one user replaceable ceramic heating element so that you will be prepared! Large selection of soldering tips available too.

Item#

**CSI-STATION1A**

**\$29.95**

[www.circuitspecialists.com/csi-station1a](http://www.circuitspecialists.com/csi-station1a)

## 3 Channel Programmable Regulated DC Power Supplies



Check out our new programmable hi performance 3 channel power supplies. Featuring both USB & RS232 interfaces, Overload Protection, Auto Fan Control, and Series or Parallel Operation. Both units feature a Large LCD display panel with simultaneous output and parameter view and a keypad for control. They are ideal for applications requiring high resolution, multiple output, and automated operation such as in production testing. There are both fine and coarse controls via the shuttle knob and 90 memory settings. Software included.

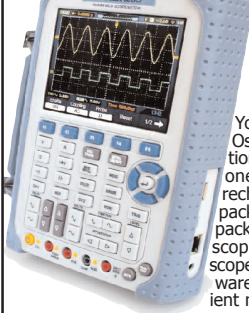
**CSIPPS33T** 0~32V / 0~3A **\$299.00**

[www.CircuitSpecialists.com/CSIPPS33T](http://www.CircuitSpecialists.com/CSIPPS33T)

**CSIPPS55T** 0~32V / 0~5A **\$379.00**

[www.CircuitSpecialists.com/CSIPPS55T](http://www.CircuitSpecialists.com/CSIPPS55T)

## 200MHz Hand Held Scopemeter with Oscilloscope & DMM Functions



Includes  
1 Year USA  
Warranty

You get both a 200 MHz Oscilloscope and a multi function digital multimeter, all in one convenient lightweight rechargeable battery powered package. This power packed package comes complete with scopemeter, test leads, two scope probes, charger, PC software, USB cable and a convenient nylon carrying case.

- 200MHz Handheld Digital Scopemeter with integrated Digital Multimeter Support
- 200MHz Bandwidth with 2 Channels
- 500MSa/s Real-Time Sampling Rate
- 50Gsa/s Equivalent-Time Sampling Rate
- 6,000-Count DMM resolution with AC/DC at 600V/800V, 10A
- Large 5.7 inch TFT Color LCD Display
- USB Host/Device 2.0 full-speed interface connectivity
- Multi Language Support
- Battery Power Operation (Installed)

Item # **DSO1200** New Low Price! **\$589.00**

[www.circuitspecialists.com/DSO1200](http://www.circuitspecialists.com/DSO1200)

## 60MHz Hand Held Scopemeter with Oscilloscope & DMM Functions

- 60MHz Handheld Digital Scopemeter with integrated Digital Multimeter Support
- 60MHz Bandwidth with 2 Channels
- 150MSa/s Real-Time Sampling Rate
- 50Gsa/s Equivalent-Time Sampling Rate
- 6,000-Count DMM resolution with AC/DC at 600V/800V, 10A
- Large 5.7 inch TFT Color LCD Display
- USB Host/Device 2.0 full-speed interface connectivity
- Multi Language Support
- Battery Power Operation (Installed)

Item # **DSO1060** New Low Price! **\$429.00**

[www.circuitspecialists.com/DSO1200](http://www.circuitspecialists.com/DSO1200)

## 60MHz Hand Held Scopemeter w/Oscilloscope, DMM Functions & 25 MHz Arbitrary Waveform Generator

- All the features of the DSO1060 plus a 25 MHz Arbitrary Waveform Generator.
- Waveforms can be saved in the following formats: jpg/bmp graphic file, MS excel/word file
- Can record and save 1000 waveforms
- DC to 25 MHz Arbitrary Waveform Generator

Item # **DSO-8060** New Low Price! **\$519.00**

[www.circuitspecialists.com/DSO-8060](http://www.circuitspecialists.com/DSO-8060)

## Programmable DC Power Supplies

- Up to 10 settings stored in memory
- Optional RS-232, USB, RS-485 adapters
- May be used in series or parallel modes with additional supplies.
- Low output ripple & noise
- LCD display with backlight
- High resolution at 1mV



Model	CSI3644A	CSI3645A	CSI3646A
DC Voltage	0-18V	0-36V	0-72V
DC Current	5A	3A	1.5A
Power (max)	90W	108W	108W
Price	\$199.00	\$199.00	\$199.00

## Hantek 5000B Series Digital Storage Oscilloscopes

Introducing the Hantek 5000B Series Digital Storage Oscilloscopes. Available in 60MHz, 100MHz and 200MHz Bandwidths. Each one provides real-time sample rates up to 1GSa/s and equivalent sample rates up to 25GSa/s. In addition, they have a maximum 1M memory depth for better observation of waveform details. The 7 inch color TFT LCD Display with Windows-style interface and menus provide easy operation.

Abundant menu information and easy-to-use buttons give you plenty of measurement information:

The multifunctional knobs and the powerful shortcut keys help save time during operation.

The Autoset function lets you detect sine and square waves automatically.

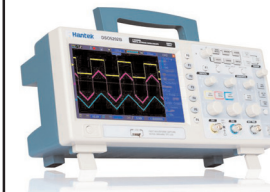
The Probe Check Wizard guides you to adjust the probecom-pensation and set the Probe option attenuation factor.

Three help methods (context-sensitive, hyperlinks, and an index).

You can quickly master all functions to greatly improve your efficiency in production and development.

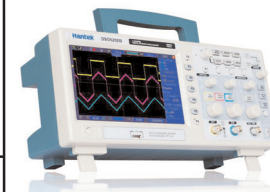
Features:

- 60, 100 or 200 MHz bandwidth
  - 1GSa/s Real Time sample rate
  - 25GSa/s Equivalent sample rate
  - Large (7.0-Inch) color display,WVGA(800x480)
  - Record length up to 1M
  - Trigger modes: edge/pulse width/line selectable video/slop/overtime etc.
  - USB host and device connectivity, standard Multiple automatic measurements
  - Four math functions, including FFTs standard
  - Provides software for PC real-time analysis
- 3 Models to choose from



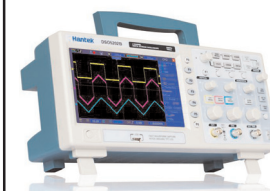
**DSO5062B**  
60MHz  
Digital  
Storage  
Oscilloscope  
**\$385.00**

[www.circuitspecialists.com/dso5062b.html](http://www.circuitspecialists.com/dso5062b.html)



**DSO5102B**  
100MHz  
Digital  
Storage  
Oscilloscope  
**\$499.00**

[www.circuitspecialists.com/dso5102b.html](http://www.circuitspecialists.com/dso5102b.html)



**DSO5202B**  
200MHz  
Digital  
Storage  
Oscilloscope  
**\$599.00**

[www.circuitspecialists.com/dso5202b.html](http://www.circuitspecialists.com/dso5202b.html)

