

## Transcat Precision Voltage/Current Source

- Accuracy:  $\pm 0.015\%$
- Four Output Ranges: 200 mV, 2V, 20V, and 24 mA
- RS-232 Interface—Can Be Computer-Controlled

in engineering and manufacturing, or for testing analog devices and A/D converters. RS-232 interface (2400 baud) is standard, the unit can be computer controlled. Documentation includes all ASCII commands which can be used in your own software. The optional Control Link software lets you easily create and run test routines via your PC.

This all new precision voltage source gives you impressive performance in a low cost hand held package. Use it for design and test applications

### Specifications

	Voltage Output	mA Output
Output Range:	200 mV, 2V, 20V	24 mA
Resolution:	0.01 mV, 0.1 mV, 1 mV	0.001 mA
Accuracy:	$\pm 0.015\%$ of FS $\pm 2$ counts	
Load Capability:	$\pm 1$ mA for rated accuracy	1000 ohms
Output Protection:	Current limited to 20 mA internal resettable fuse	
Power Supply:	9V alkaline battery or optional AC adapter	
Size/Weight:	6.0 x 3.25 x 1.25"/12 oz	

### Ordering Information

Order #	Description	Price
MP23894E	Precision Voltage Current Source	
MP3329E	Optional 110V AC Adapter	
MP3329E-220	Optional 220V AC Adapter	

**Each Unit Includes:** Battery, test leads, and carrying case.



23894E

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## Calibrators Inc. Voltage Source

- $\pm 0.015\%$  Full Scale Accuracy
- Up to 20 mA Source or Sink Current or Capability
- Decimal or Hexadecimal Modes
- Four Output Ranges
- Output Protected-Current and Voltage

A three-position polarity switch lets you choose between positive, negative, and zero voltage output.

In hexadecimal mode, you have output ranges of  $\pm 1V$  in 244  $\mu V$  increments, and  $\pm 10V$  in 2.44 mV increments.

**Each Unit Includes:** Test lead set, 9V alkaline battery, carrying case, manufacturer's certificate of calibration, and instruction manual.

### Specifications

<b>Voltage Output</b>	
Decimal	0 to $\pm 1.200V$ , 0 to $\pm 12.00V$
Hexadecimal	0 to $\pm 0.99975V$ , 0 to $\pm 9.9975V$ (max HEX=FFF)
Zero Volts	+100 $\mu V$ output error
Accuracy:	Within $\pm 0.015\%$ of Full Scale
Power Supply:	9V alkaline battery
Size:	5.75 x 3.6 x 1.29" HWD (146 x 91 x 33 mm)
Weight:	11 oz (342 grams)

### Ordering Information

Order #	Mfg #	Description	Price
MP7091E	DVC-350A	Voltage Source	
MP7092E	39-7267690	Accessory Kit (AC Charger and NiCad Battery)	

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7091E

Calibration Instruments

## Calibrators Inc. High Precision Voltage Source

- $\pm 19.999V$  Full Scale
- Accuracy  $\pm .005\%$  of Full Scale

The 23873E is a high precision voltage reference source for the test bench. You set output level via front panel levers with a decade box-type interface. A vernier control gives you  $\pm 1.5$  mV offset of any setting.

Output is available from either front panel banana jacks, or a rear panel 36 pin gold-plated PC connector. The rear connector also has sense feedback inputs to reduce errors caused by cable resistance.

**Each Unit Includes:** Manufacturer's certificate of calibration.

### Specifications

Output Range:	0 to $\pm 19.999V$ DC
Output Current Range:	0 to 25 mA to rated voltage accuracy
Accuracy:	$\pm 25$ ppm of setting, $\pm 500 \mu V$
Size/Weight:	5.86 x 2.25 x 5.78"/2.25 lbs

### Ordering Information

Order #	Description	Price
MP23873E	High Precision Voltage Source	
MP23873E-PM	Panel Mount Kit for 23873E	

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23873E