



## DVC-9500



MAIN TOUCH PAD DISPLAY

### Features

- Part number DVC 9500
- **UNPRECEDENTED Calibration Accuracy**  $< \pm 0.0005\%$  error or  $< \pm 5$  PPM
- Less than 3 PPM / deg C temperature drift
- 13 types of Thermocouples output simulations
- Both a  $\pm 20$  Volt and  $\pm 2$  Volt Range (programmable bipolar operation)
- Direct TOUCH PAD INTERFACE FOR INTUITIVE HUMAN INTERACTION
- Compact rugged aluminum case that takes up very little precious bench top space
- Digital Output Vernier control down to 1 $\mu$ V steps
- Settable limit controls to protect devices.
- Automatic standby function protects device under test
- Six (6) Manual/Automatic set points per output range
- Programmable Dwell time between set points
- Tellurium-Copper binding posts reduce thermal EMFs to  $< 1\mu$ V

- Source 25ma Voltage output with 13 thermocouple ranges

### **Includes FREE**

- UPS Ground Shipping
- Lifetime Technical Support

The multifunction Calibrator's Inc Technologies DVC 9500 calibrator sets a new standard in lab calibrator value and accuracy. The DVC 9500 calibrator features the accuracy and stability of calibration sources costing ten as much while providing useful features no other multifunction calibrator offers in its class. The small accurate step size of 10uV (2V scale ) and 100uV (20V scale) can be enhance with a proprietary digit vernier control to make step size even smaller.

The DVC 9500 is a powerful and precise laboratory calibrator instrument with unmatched versatility , performance and simple-to-use intuitive user interface. The DVC-9500 provides simple, touch panel state of the art 21<sup>st</sup> century interface. It is simply long overdue in the calibrating industry! The front-panel entry of output voltage is set via a intuitive high resolution graphic interface.

The bench-top, multifunction DVC-9500 calibrator has an unprecedented six digit resolution and accuracy not available in this price range elsewhere. At this small compact size it does not take up much bench space either. Output voltages ranges of +/-2 and +/-20 Volts with < 10PPM error is revolutionary in this price range The DVC-9500 features touch-screen easy access for up to six set points for each output range that can be recalled individually at the touch of a button or can be stepped through automatically with control of a programmable set point dwell time. The DVC 9500 calibrator has four-way copper alloy binding posts which provide a wide range of connection options including Force and Sense terminally for long wire accurate calibration voltage

The accuracy of the DVC-9500 calibrator is specified for both 90-day and one year intervals. A self-calibration and functionality check may be performed at any time via the front panel.

### **Documents**

- PDI 9500 Calibration Data Sheet
- PDI 9500 Calibration Manual

### **Case**

5.59”W x 2.11”H x 5.78” D (42.0 x 53.6 x 146 mm) (Bench-top stand retracted)