

# AK-10 Calibrators

## Enhanced Step Mode Feature

### Background

The Standard Step Mode function allows the user to specify any number (up to 100) of equally spaced steps (calibration points) between 2 user specified points. This is usually the ideal configuration since it is common to test an instrument at 3, 5, or 11 equally spaced points within the operating range of the instrument.

In some cases, local procedures or agency regulations require that instruments be tested at certain arbitrary points. Enhanced Step Mode allows the user to specify up to 10 individual step values and recall these values quickly using a simple key sequence.

**Enhanced Step Mode is available in AK-10 Firmware Versions 1.13.**

### Mode Selection

The choice between Standard and Enhanced Step Mode is made from the System Configuration Menu. Press the **SYS** key, scroll down to the **STEP FUNCTION** selection, and press **ENT**. Select **Standard** or **Enhanced** and press **ENT**. If Enhanced mode was selected, the Step function will operate as follows.

### Configuration

To configure the Enhanced Step Function, press **STEP** then **ENT**. You will see a prompt message **Select 0-9 or ENT to configure** as a reminder of the operation.

Use the **▼** and **▲** keys to scroll through the 10 step values. To change a value, press **SHIFT**, key in the new value, and press **ENT**. After you have entered all your values, press **ENT** to save the values and exit the menu. A separate set of values is stored for mA and volts modes.

### Operation

To recall an individual Step, press **STEP** then any numeric key (**0-9**). The value for that Step will be applied to the output.

Use the **▲** and **▼** keys to sequence through the Step values in ascending or descending order.