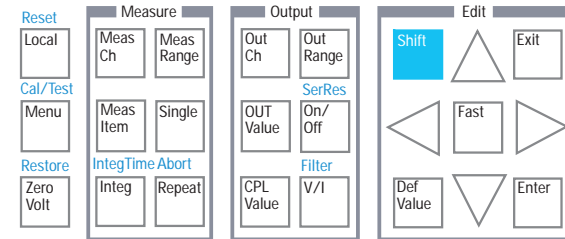


Agilent E5260 Series High Speed Measurement Solutions



Agilent Technologies

| | | | | |
|--------|---------------|---------------|-------------------|--------------|
| Stat | Meas Value #1 | Meas Value #2 | Setting Parameter | Shift |
| C | 1.23456mV | 1.23456mV | OUT: 1.234mV | |
| | A | ▼ ▼ | 1 1 | CPL: 1.234mA |
| Remote | Lock | Meas | Trigger | Error |
| Integ | Output | Repeat | M-ch | S-ch |



Reset

Local

Resets the Agilent E5260.

Cal/Test

Sets the Agilent E5260 to the local condition.

Menu

Displays the Calibration/Selftest Menu. Refer to reverse face.

Restore

Displays the Setup Menu. Refer to reverse face.

Zero Volt

Restores the source settings stored by the Zero Volt key.

Stores the source setup and change the output to 0 V.

Display

Stat

Displays following status in abnormal condition:

T: Another channel reached its compliance setting.

C: This channel reached its compliance setting.

V: Measurement data exceeds the measurement range.

X: One or more channels are oscillating.

Meas Value

Displays measurement data; current, voltage, resistance, or power, selected by the Meas Item key.

Setting Parameter

Displays setup data; output value, compliance value, measurement range value, or error code, selected by the MON_ITEM menu.

Shift

Indicates if the sub key function is available or not.

Remote

Indicates the E5260 operation mode; remote or local.

Lock

Indicates if the front panel keys are locked or not.

Meas

Indicates if the measurement is in progress or not.

Trigger

Displays the trigger wait mode; C (GPIB commnad wait), S (Step source start trigger wait), or M (Step measurement start trigger wait).

Error

Indicates if an error occurred or not.

Integ

Displays the integration mode, A(uto), M(anual), or P(LC).

Output

Indicates if the S-ch is applying output or not.

Repeat

Indicates if the M-ch is performing repeat measurement or not.

Measure

Meas Ch

Selects the measurement channel.

Meas Item

Selects the measurement item, current, voltage, resistance, or power.

Integ Time

Sets the averaging samples.

Integ

Selects the integration mode, A(uto), M(anual), or P(LC).

Meas Range

Selects the measurement range for each channel.

Single

Performs single measurement.

Abort

Aborts measurement execution.

Repeat

Performs repeat measurement.

Output

Out Ch

Selects the output channel.

OUT Value

Sets the source output value.

CPL Value

Sets the compliance value.

Out Range

Selects the output range for each channel.

Ser Res

Connects the built-in series resistor to the channel.

On/Off

Enables or disables the source output.

Filter

Connects the built-in filter to the channel.

V/I

Selects the voltage output or the current output.

Edit

Shift

Enables the sub key function which label is blue.

Def Value

Applies the default value to the item in the setup message.

Fast

Used with the arrow key. Speeds up changing the setting value.

Exit

Returns the display to the previous one without making the setup effective.

Enter

Makes the setup effective and returns the display to the previous one.



Setup Menu

| | | | | |
|--------|-----------|-----------|----------|------|
| CONFIG | MON_ITEM | DSPL_FRMT | ▶ | |
| ◀ | WAIT_TIME | ERROR | RMT_DSPL | BEEP |

CONFIG

- ADDRESS Sets the GPIB address.
- LINEFREQ Sets the power line frequency; 50 Hz or 60 Hz.
- REVISION Displays the firmware revision.
- UNIT Displays the module information of each slot.
- SERIAL Displays the serial number of each module.

MON_ITEM

- ITEM1 Selects the item displayed in the Setting Parameter area (upside).
- ITEM2 Selects the item displayed in the Setting Parameter area (downside). See Monitor Item.

DSPL_FRMT Selects the data display format; ENGINEERING or SCIENTIFIC. See Display Format.

WAIT_TIME

- SOURCE Sets the source wait time.
- MEASURE Sets the measurement wait time.

ERROR

- DISPLAY Displays the error code and error message.
- CLEAR Clears the error buffer.

RMT_DSPL Sets the remote display mode to ON or OFF.

BEEP Sets the beeper to ON or OFF.

Calibration/Selftest Menu

AUTO_CAL Sets auto-calibration to ON or OFF.

CAL

- EXECUTE Executes self-calibration.
- RESULT Displays the self-calibration result message.

SELFTEST

- EXECUTE Executes self-test.
- RESULT Displays the self-test result message.
- RECOVER Enables or disables use of the failed module.

DIAG

- EXECUTE Executes diagnostics.
- RESULT Displays the diagnostics result message.

Monitor Item

- OUT Source output value; voltage or current.
- CPL Compliance value; current for voltage output, or voltage for current output.
- IMR Current measurement range.
- VMR Voltage measurement range.
- ERR Error code.

Display Format

- ENGINEERING Six-digit numeric value with arithmetic point, and unit. Example: -123.456pA
- SCIENTIFIC Four-digit numeric value with arithmetic point, exponential part (E, +/- sign, and one- or two-digit numeric value), and unit. Example: -1.234E-10A

