# KONRAD KA3005D Bench Supply

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# KONRAD KA3005D Bench Supply

Digital display/control Bench Power Supply

- 0-30 Volt (10mV accuracy)
- 0-5 Amp (1mA accuracy)

### Manual

- KA3005D Bench Supply

### Notes

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From:
https://www.eevblog.com/forum/repair/korad-ka3005p-power-supply-calibration/
Calibration instrument: benchtop multimeter with 6.5 digits display, 5A
electronic load with milliampere display.

Calibration condition: Preheat for 2 minutes after switch on .
Being into calibration mode, press continuously button M4, and switch on at
the same time until current and voltage displays blink. At this time, C.V
indication is on, which means the power supply is in the mode of zero
calibration.
1.      Voltage Zero Calibration: connect the positive pole and negative
pole of the multimeter leads into the output terminals respectively. Then,
watch the voltmeter and adjust the knob to make the multimeter in the range
0v – 5mv. After that, the zero calibration is over. Press M1 to save the
calibration value.
2.      Current Zero Calibration: press the button VOLTAGE/CURRENT, and the
current display of the power supply blinks. Connect amperemeter to adjust
the current value in the range 0MA – 1MA. Press the button M1 to save the
calibration value.
3.      Voltage full-range calibration?adjust voltmeter in the shelf of
voltage test. Press M4 and then C.C indication lights on, which means full-
range calibration. And then the current display blinks, turn the knob to
adjust the voltmeter between 30.01 – 30.02. Press the button M1 to save the
calibration value.
4.      Current full-range calibration: press the button VOLTAGE/CURRENT,
the current display of the power supply blinks, which means it is in the
mode of current calibration. At this time, connect the amperemeter(or
electronic load), and then adjust the current value to 5.000A±5MA. After
that, press the button M1 to save the calibration value.
5.      Switch off, and then restart the power supply. The calibration ends.
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