

LZ Series Flux meter

——LZ-840



1. Product Introduction

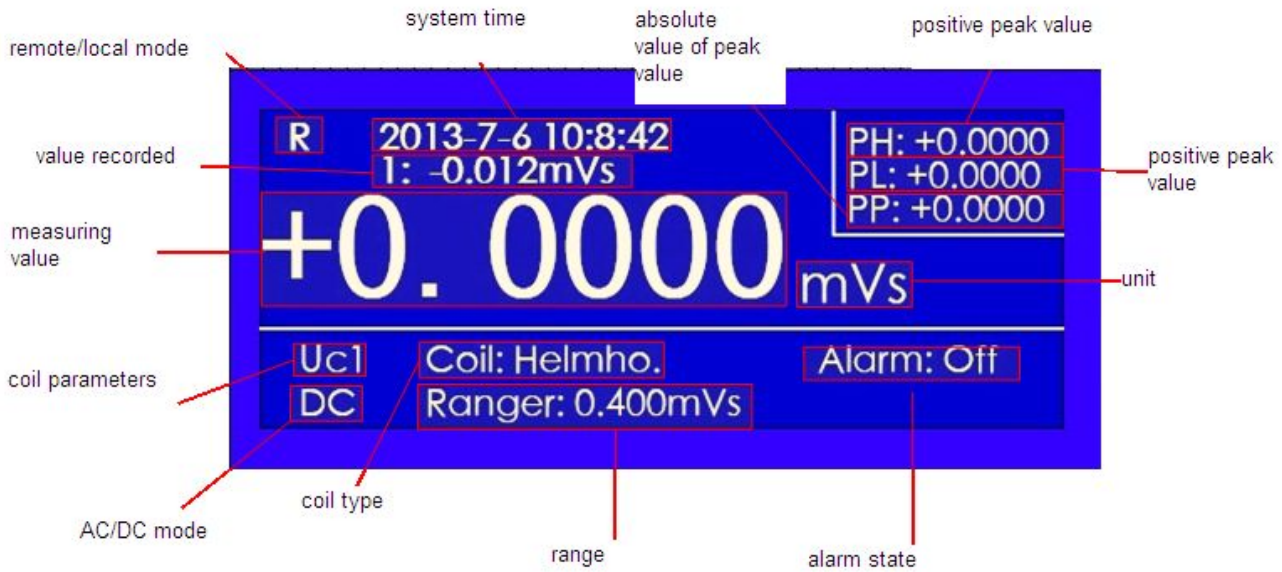
LZ-840 flux meter is a precision integrating flux meter, which uses different induction coils to measure AC and DC magnetic flux. It is designed adopting newest microprocessors and excellent operational amplifiers, combined with advanced analog electronic technology. The main part is the analog integrator controlled by microprocessors. Analog integrator is quite flexible, with excellent property, it can run well in different fields. Embedded microprocessor not only improves the function of the integrator, it also adds a variety of useful functions to the machine.

LZ-840 flux meter functions fast, is easy to use, automatic operation mode and manual mode can be selected at random. With the function of one-button automatic zero drift function LZ-840 is a perfect magnetic measurement instrument.

2. Main Features

- ✧ 16-key keyboard, with multiplexing function
- ✧ AC/DC mode
- ✧ Embedded microcomputer control, automatic or manual range
- ✧ 4 $\frac{3}{4}$ digit display resolution, LCD display with back light function
- ✧ With superior drift adjust and suppress function, high anti-noise function,
- ✧ Multiple unit selection: Gs, Tesla, Oe, Mx, MxN, Wb, WB/N, Vs, Wb*cm², A, %
- ✧ Store five sets of measurements, coil parameters, and automatically recognize standard probes
- ✧ RS-232 output interface of relay switch (apply for PLC)
- ✧ It can be remote controled by computer
- ✧ With function of analog signal output
- ✧ Hardware peak hold
- ✧ High and low threshold alarm function for local and remote control
- ✧ Flexible range expansion

3. Screen Description



Most of data above the white line are measured values:

<+0.0000 >: the current measured value, display 4 digits, 1 sign bit, 1 decimal bit.

<mVs>: unit of measured value, it can be set by the “Unit” key.

<R>: R means that it's in the remote control mode at the moment, without it means local control mode; in a remote control mode, only “Local” key is valid in the keyboard, other keys are locked.

<2013-7-6 10:7:42> is the current system time.

<PH:+0.0000>: at the peak hold mode, value displayed, means it is the positive peak value.

<PL:+0.0000>: at the peak hold mode, value displayed, means it is the negative peak value.

<PP:+0.0000>: the absolute value of the peak value.

<1:-0.012>: under the measurement mode, the user presses enter to save data, 1: means the current display data's serial number, -0.012 is the saved data values; under this mode, through “←”, “→” these two keys to view different saved values.

Most of data below the white line are current state:

<DC>: shows the current mode is DC mode, DC/AC state switching by “AC/DC” key.

<Uc1>: the current measuring coil's serial number.

<Coil>: the coil type.

<Range:>: the current range

<Alarm>: alarm status.

4. Configuration

Item	Title	Quantity	Unit
1	LZ-840 Flux Meter	1	set
2	Power line	1	piece
3	User's Manual	1	piece
4	Warranty Card	1	piece

CAUTION:

Check off each item on the above packing list as it is unpacked. Contact AGS-TECH immediately if there is a shortage of parts or accessories.

Because the products of our company are constantly updated, the change of products occurs without notice.

7. Warranty

1. Manufacturer warrants each instrument of its manufacture to be free from defects in material and workmanship. Our obligation under this warranty is limited to servicing or adjusting any instrument returned to our factory for that purpose. The warranty period is 18 months. On returning the equipment under warranty, the buyer bears the costs for the shipment to AGS-TECH; AGS-TECH bears the costs for returning the device to the buyer. However, the buyer bears all the costs for shipment, taxes and duties, if the device is returned to AGS-TECH from abroad.
2. The warranty period begins on the date of delivery of the product or later on the date of installation of the product if the product is installed by AGS-TECH, the warranty period begins on the 31st day after delivery, provided you schedule or delay the AGS-TECH installation for more than 30 days after delivery.
3. Manufacturer warrants the product only if it has been sold by an authorized employee, sales representative, dealer or headquarter.
4. The warranty period does not apply to defects of product resulting from improper or inadequate maintenance, repair or calibration; unauthorized modification or misuse; improper site preparation or maintenance. Caution: the hall probe is easy to damage; it's not in the warranty scope list.

8. Contact Us

AGS-TECH is open Monday through Friday between the hours of 9:00 am and 5:00pm, excluding holidays. Please contact us for technical questions, repairing and replacement.

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