



Magnetometer KOSHAVA-AT/AA User Manual

Hand Tesla Meter / Gauss Meter to connect with a Voltmeter
Autonomous working measuring probe with analog output



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Scope of supply:

- KOSHAVA5 AT / AA (Order number 1099790 or 1099795)
- Battery LR44
- User manual in English language.



Axial probe (Order number 1099795)

Or



Transverse probe (Order number 1099790)

General descriptions:

The independently operating Tesla Meter / Gauss Meter Type KO-SHAVA analog for connection to a digital multimeter, oscilloscope, data logger or data acquisition card is an inexpensive alternative to the handheld and USB Tesla meter / Gauss meters.

The KOHSHAVA analog is powered by two button batteries. The measurement is started by pressing the start button. The measured value is output proportional to the measured value as an analog signal (1 mV corresponds to 1 mT).

Since digital multimeter already are in most universities and technical schools anyway in large quantities for the training of students and pupils present, the Tesla Gauss KOSHAVA analog is an ideal and inexpensive way each student to give a magnetometer in hands.

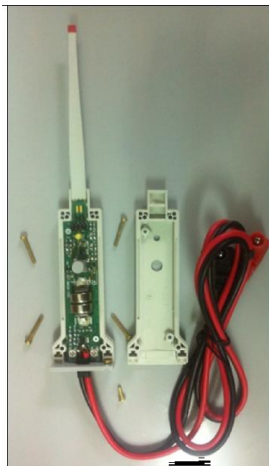
Inserting or exchange of the batteries:



The KOSAVA 5 AT/AA are delivered with two LR44 batteries. Before use, they should be put into position in the casing.

Inserting the batteries:

For inserting the batteries remove the four screws of the KO-SHAVA AT/AA cover, and one screw in the right corner on the comes out cords side, then insert the two LR44 batteries regarding the polarity symbols and close the cover again. Now the KOSHAVA AT/AA is ready for use.



Specifications:

Accuracy:

1999mT:±2% & ± Digit & Accuracy of the multimeters
199.9mT:±2% & ± Digit & Gen of the multimeters

Power supply:

Battery:.....3V Batteries (2x LR44 or CR 1/3 n) Continuous operating > 10hours
In typical use the battery life time should be approx. 2 years

Dimensions and weight:

Thickness of the probe tip:<1,3mm
Width of the probe tip:4mm
Dimension:Unit 180mm x 30 mm x 18 mm
Weight:50 grams

Output:

Output:1mV = 1mT (10Gauss, 100e or 794,3 A/m)

Environmental conditions:

Operating temperature:+5°C to +45°C

Warranty:

Amendments reserved.

All WUNTRONIC instruments are warranted against defects in material and workmanship for a period of one year from date of shipment to the original purchaser. WUNTRONIC agrees to repair or replace any assembly or components (except expendable items such as fuses, lamps and batteries) found to be defective during this period. WUNTRONIC'S obligation under this warranty is limited solely repairing or replacing at its option any Tesla-Meter or probes which in WUNTRONIC'S sole opinion proves to be defective within the scope of the warranty and when returned to the factory or to an authorized service centre. Transportation to the factory or service centre is to be prepaid by purchaser. If the Tesla Meter or probe is defective as a result of misuse, improper repair, alteration, neglect, or abnormal conditions of operation, repairs will be billed at WUNTRONIC'S normal rate. This warranty is in lieu of all other warranties, expressed or implied, and no representative or person is authorized to represent or assume for WUNTRONIC any liability in connection with the sale of our products other than set forth herein.

Limited warranty for probes:

The probe tops are kept very thin to be able to measure within narrowest air-gaps. By the thin style the probes are very delicate against mechanical influences.

WUNTRONIC does not take warranty on any mechanical damages to the probes.

You pay attention at the storage that the enclosed reed capsule always protect the probe top

Transport damage:

The Tesla-Meter and probe should be tested as soon as it is received. If it is damaged in any way, a claim should be filed with the carrier. A full report of the damage should be obtained by the claim agent, and this report should be forwarded to us. WUNTRONIC will advise the disposition to be made of the equipment and arrange for repair or replacement. Please include model number and serial number in all correspondence referring to the instrument.