USB Gauss Meter, Tesla Meter with USB and Anlalog Output

Order-No: 1099355 Series/Model: USB KOSHAVA



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Inexpansive precision USB Tesla meter / Gauss meter with Analog

Main Product Features

- **Min / Max detection (Peak detection)**
- **Auto ranging**
- **Switchable Units: Tesla, Gauss, kA/cm, A/cm or Oersted**
- **DC and AC Magnet field measurement up to 10kHz RMS**
- **Digital linearization and Temperature compensate**
- **Free Software for remote and data logging**

- **LabVIEW examples for own applications**
- **Digital Zero field adjustment**
- **10 mG (1µT) Resolution**
- **0.2% Instrument accuracy**
- **RoHS conform (lead free)**
- **3 years warranty (mechanical damages excepted)**
- **Include Faxtory Calibration Certificate**
- **Made in Germany**

WUNTRONIC has expanded its hugely successful Tesla/Gauss Meter product family KOSHAVA with a new USB unit. The Tesla/Gauss Meter KOSHAVA-USB is not only intended for customers which like to use the unit for automatically repeating pc based measurements, but also as a complement to the handheld Tesla Meter / Gauss Meter Type KOSHAVA 5, but also as a quality alternative for LowCost Tesla / Gauss Meters.

Probes can also be used with the KOSHAVA 5: The probes of the handheld Tesla Gauss meter KOSHAVA5 probes are compatible with the type of the KOSHAVA-USB.

High Quality Low-priced entry-level model: Most on the market available low cost Tesla / Gauss Meters are developed for consumer customers. Many professional customers with simpler measurement tasks are looking high quality and accurate alternative. The KOSHAVA-USB is available for the cheap price, but offers together with a PC the same accuracy and stability like the handheld device KOSHAVA 5

Always the optimal measurement range: To be able to reach the optimal resolution always, the Tesla Meter / Gauss Meter KOSHAVA-USB is equipped depending of selected probe with 3 (20 mT, 200mT, 2T) or 4 (2mT, 20 mT, 200mT, 2T) measurement ranges. Probes with ranges up to 3 or 4 Tesla are on request available. The optimal measurement range can be either adjusted manually or setup automatically by using the Auto Ranging function.

Min / Max detection (Peak detection): The Tesla meter /Gauss meter shows the minimal and maximal peak value in bottom area of the display. By pressing a key the peak values can be set to zero.

Precise in all measurement ranges: In opposite to many other hall sensor based units at our Magnetometer KOSHAVA-USB each probe is measured in each range and each probe gets an individual table with linearization and calibration information. At the first start with a new probe the Tesla / Gauss Meter reads the calibration information and use this for the accurate calculations of the measure values.

Analog output: The Tesla Meter / Gauss Meter KOSHAVA-USB is suitable for the automatic control and documentation excellently through its features the analog output and USB interface. The software enclosed free of charge shows the displayed values of the device on the PC and offers the possibility saving the reading in a interval between 0,2 seconds to 50 seconds. The acquired data can be saved in the Excel compatible CSV format.

Applications

- Assessment of magnetic materials
- Analysis of magnetic circuits and components
- Measurement of residual magnetics
- Measure stray and leakage fields
- Measurement of absolute and differential fields

- Testing, sorting, classifying Magnets
- DC and AC Motor testing
- Relay and Solenoid test
- NDT Compliance Testing
- Loudspeaker test

Datenblatt-Download

USB-Tesla-Meter-USB-Gauss-Meter-Koshava-USB-eng (2.1 MiB)

Manual-Download

Manual USB-Tesla-Meter Gauss-Meter KOSHAVA-USB (1.4 MiB)

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If you have questions please don't hesitate to contact us any time.

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