

Electro-Magnetic Field Tester Instruction Manual



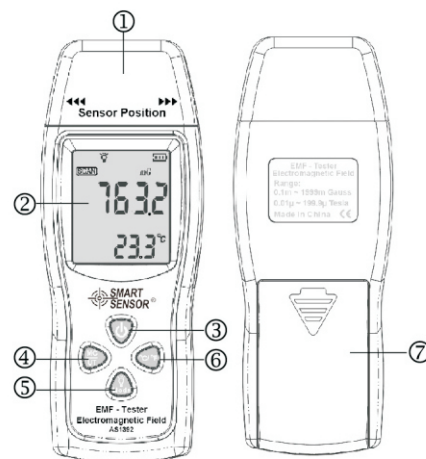
version: 6-AS1392-0116-00

1、Features and applications:

- (1) Measurement frequency: 30 Hz to 300 Hz
- (2) The EMF tester is a portable instrument that was designed to provide a quick, reliable and easy way to measure electromagnetic field radiation at different bandwidths at 50Hz/60Hz generated by power lines, home appliances and industrial equipment.
- (3) Display micro Tesla and milli Gauss.
- (4) During measurement without any interference to electronics device or home appliance.

2、Diagram of the unit

- ① Sensor position
- ② LCD display
- ③ ON/OFF button
- ④ Milli Gauss / Micro Tesla switch button
- ⑤ Mode / backlight button
- ⑥ °C/°F switch button
- ⑦ Battery door



3、Operation instruction

- (1) Press “” to turn on, press again to turn off.
- (2) Due to the electro-magnetic interference of the environment, the display reading may show the reading before testing, For example the reading would lower than 0.1 μ T, this is not malfunction of the tester.
- (3) Press the “Range”, “Gauss”, “Tesla” to set up the measurement requirement. The default unit is Tesla.

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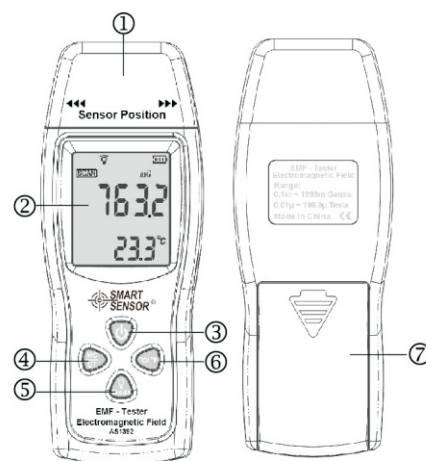
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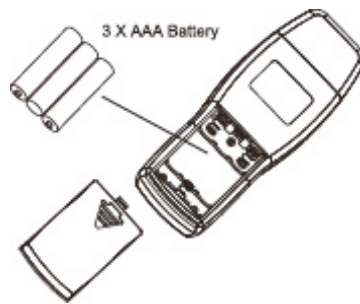


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- (4) Hold the tester in hand and move slowly towards to the object under measurement until it is physically touched. The field intensity increases as you move closer to the object.
- (5) Position the tester at different angles to the object while measuring this will affect the reading. By trying different angles approaching the object while measuring to get Max.
- (6) During measuring, press “Data Hold” will lock the reading. Press again the button, the tester will return to normal status.
- (7) During measuring, press “Peak Hold ” will lock the Max reading. Press again the button, the tester will return to normal status.
- (8) When the LCD display “  ”, please replace the battery to avoid in-accurated reading.
- (9) Battery installment: Open battery door, install AAA 1.5V *3PCS batteries into the battery compartment properly, and recover the battery door.

As the follow figure:



4 、 Specification

- (1) Display: 4 digits
- (2) Range: 200/2000 milli Gaugss
20/200 micro Tesla.
- (3) Resolution: 0.1 μ T
- (4) Band width: 30 Hz to 300 Hz
- (5) Number of Axis: Single axis
- (6) Sampling rate: 0.5 second
- (7) Accuracy: $\pm 5\%$ (50 μ T to 200 μ T) μ T
at 50Hz or 60Hz
- (8) Battery: AAA 1.5 V battery $\times$ 3PCS
- (9) Operation condiction: 0 $^{\circ}$ C to 40 $^{\circ}$ C,
below 80%RH



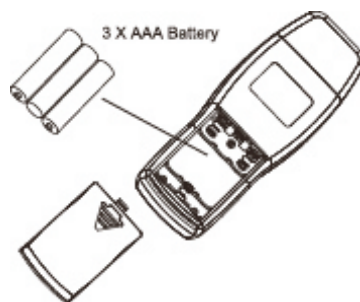
Special declaration:

- a. We reserve the right to up-grade and amend the specification and design of the instrument/manual which subject to change without further notification.
- b. The used battery dispose must according to the local laws/regulation. If the tester will not use in a long period, please remove the battery to prevent battery leak damage the tester.



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