

Измеритель влажности ZHT 125 Electronic

Руководство по эксплуатации

Алматы (727)345-47-04
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)89-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
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Владимир (4922)49-43-18
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Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89

Россия +7(495)268-04-70

Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)208-01-48
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Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81

Казахстан +7(727)345-47-04

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Новый Новгород (831)29-08-12
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Псков (8412)22-31-16
Петрозаводск (8142)55-98-37
Плюс (8112)59-10-37
Пермь (342)205-81-47

Беларусь +375(257-127-884

Ростов-на-Дону (863)308-18-15
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Самара (846)206-03-16
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Узбекистан +998(71)205-18-59

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Тула (4872)33-79-87
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Якутск (4112)23-90-97
Ярославль (4852)69-52-93

Киргизия +998(312)96-26-47

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Appendix 1. Warranty card

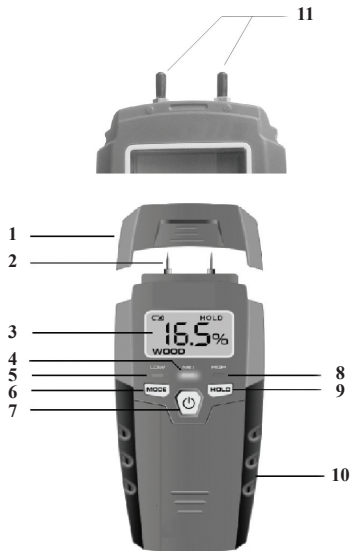
Appendix 2. Certificate of acceptance and sale

INTRODUCTION

ADA ZHT 125 Electronic moisture meter measures the moisture content by detecting the electrical resistivity of the target material using two pins. The unit has adopted low consumption single chip smart design, the moisture content is displayed by LCD. ZHT 125 Electronic has advantages of portable size, easy to operate and rapidly measuring, a suitable tool to carry at working field.

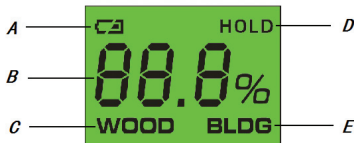
APPEARANCE

- 1) Protection cover
- 2) Pins
- 3) LCD screen
- 4) Mild moist indication LED
- 5) Dry indication LED
- 6) Measuring mode button
- 7) Power button
- 8) Excessive moist indication LED
- 9) Data hold button, keep pressing this button to close the buzzer sound
- 10) At the back, it is battery compartment
- 11) Protection cap for pins



LCD Screen Illustration

- A) Low battery indication
- B) Measuring result
- C) Wood mode indication
- D) Data hold indication
- E) Building material mode indication

**OPERATION****Install battery**

Remove the battery lid on the back of the unit, place one 9V block battery (6F22 or 6LR61) according to the correct sign marked in the compartment, then put back the lid.

Measure moisture

- 1) Pull out the protection cover A, remove the protection K from the pins;
- 2) Press the power button G to power on the unit, LOW LED turns on, LCD display " _ _ _ "; The default measuring mode is for wood, use the button F to select the measuring mode.
- 3) Insert the two detection pins into target material;
- 4) Under wood mode, reading of the target wood is displayed on LCD screen, available range is 5%~50%. When it is lower than 5%,

the screen shows” — — — ”, when it is higher than 50%, the screen shows “ — — — ”.

5) Under building material mode, reading of the target material is displayed on LCD screen, available range is 1.5%~33%. When it is lower than 1.5%, the screen shows” — — — ”, when it is higher than 33%, the screen shows “ — — — ”.

6) Press the Hold button I during measuring, the symbol “HOLD” will display and hold the data, press again to make “HOLD” disappear and exit data hold.

7) Keeping pressing the Hold button to turn off the buzzer sound during measuring.

8) Keeping pressing the power button for 2s to turn off the product.

LED indicators

In wood measurement mode:

- Blue LED——>5%-11.9%, Dry;
- Green LED——>12%-15.9%, mild moist;
- Red LED——>16%-50%, excessive moist.

In building materials measurement mode

- Blue LED——>5%-16.9%, Dry;
- Green LED——>17%-19.9%, mild moist;
- Red LED——>20%-33%, excessive moist

Calibration instructions

The product has external calibration function; Remove the protection cap, power on the unit, place the 2 pins into the 2 holes at the back of the cover, just now the LCD shows a value between $18.2\% \pm 0.3\%$; If beyond this range, the accuracy has problem, advise to be repaired.

- Operation notes
- Please replace the battery when the unit cannot be powered on or low battery indicator is on.

● Wood moisture values are related to ambient temperature humidity and wood material density. The best way to recognize the right wood moisture content is to measure continuously day after day to obtain the corresponding values and compare to judge.

Cautions

- Don't drop the product or use by force.
- Don't disassemble the product to avoid failure.
- Keep the tool dry and clean,
- Don't place the product with corrosive any gas or objects.
- Do not operate the tool in the water and dust, avoid to damage the tool.
- Check the battery regularity, avoid deterioration
- Remove the battery when not in use for an extended period of time.

SAFETY INSTRUCTIONS

Failure to follow the instructions listed below may cause personal injury.

- Please read this manual thoroughly before operation.
- Please do not remove any labels from the unit.
- Do not operate the tool with in the presence of flammable/explosive gases.
- Be careful about the pins.
- Don't allow children to operate the unit.
- Put on the cover while not in use to avoid pins damage.
- The pins are very sharp, be sure to put on the protector after use, otherwise will hurt your body.

Battery Safety Instructions

- Please remove the battery when clean the product.
- Remove the battery when not in use for an extended period of time.
- Please install the batteries properly as the instructions of the positive and negative charges
- Please dispose the batteries properly. High temperature will cause explosions and do not burn the batteries. Strap insulated tape around the battery charges to avoid unsafe contacts with other objects. Please follow the local regulations of battery disposing.

TECHNICAL DATA

Measuring range	Wood: 5%~50%
	Building materials: 1.5~33%
Measuring accuracy	±2%
Backlight shut off	About 15 seconds
Auto power off	3 minutes inactive
Low battery indicator	<7V
Power supply	1x9V block battery (6F22 or 6LR6) not included
Working consumption	<25mA
Working temperature	0°C~50°C

Working humidity	<90%RH non-condensing
Storage	-20°C~60°C, ≤85% (w/o battery)
Dimension	145mm×62mm×27 mm
Weight	About 86g (w/o battery)

Warranty

This product is warranted by the manufacturer to the original purchaser to be free from defects in material and workmanship under normal use for a period of two (2) years from the date of purchase.

During the warranty period, and upon proof of purchase, the product will be repaired or replaced (with the same or similar model at manufactures option), without charge for either parts of labour.

In case of a defect please contact the dealer where you originally purchased this product. The warranty will not apply to this product if it has been misused, abused or altered. Withiut limiting the foregoing, leakage of the battery, bending or dropping the unit are presumed to be defects resulting from misuse or abuse.

Exceptions from responsibility

The user of this product is expected to follow the instructions given in operators' manual.

Although all instruments left our warehouse in perfect condition and adjustment the user is expected to carry out periodic checks of the product's accuracy and general performance.

The manufacturer, or its representatives, assumes no responsibility of results of a faulty or intentional usage or misuse including any direct, indirect, consequential damage, and loss of profits.

The manufacturer, or its representatives, assumes no responsibility for consequential damage, and loss of profits by any disaster (earthquake, storm, flood ...), fire, accident, or an act of a third party and/or a usage in other than usual conditions.

The manufacturer, or its representatives, assumes no responsibility for any damage, and loss of profits due to a change of data, loss of data and interruption of business etc., caused by using the product or an unusable product.

The manufacturer, or its representatives, assumes no responsibility for any damage, and loss of profits caused by usage other thsn explained in the users' manual.

The manufacturer, or its representatives, assumes no responsibility for damage caused by wrong movement or action due to connect-ing with other products.

WARRANTY DOESN'T EXTEND TO FOLLOWING CASES:

1. If the standard or serial product number will be changed, erased, removed or will be unreadable.
 2. Periodic maintenance, repair or changing parts as a result of their normal runout.
 3. All adaptations and modifications with the purpose of improvement and expansion of normal sphere of product application, mentioned in the service instruction, without tentative written agreement of the expert provider.
 4. Service by anyone other than an authorized service center.
 5. Damage to products or parts caused by misuse, including, without limitation, misapplication or negligence of the terms of service instruction.
 6. Power supply units, chargers, accessories, wearing parts.
 7. Products, damaged from mishandling, faulty adjustment, maintenance with low-quality and non-standard materials, presence of any liquids and foreign objects inside the product.
 8. Acts of God and/or actions of third persons.
 9. In case of unwarranted repair till the end of warranty period because of damages during the operation of the product, its transportation and storing, warranty doesn't resume.
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Россия +7(495)268-04-70	Казахстан +7(727)345-47-04	Беларусь +375(257)127-884	Узбекистан +998(71)205-18-59	Киргизия +998(312)96-26-47