Product Name	GAOTek Electronic Balance High Precision Moisture Analyzers Moisture Barrier Fabric
Product SKU	GAOTek-MTI-101
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Electronic Balance High Precision Moisture Analyzers Moisture Barrier Fabric

Contents

First: Instruction

1. Security

   Please reading the following before you use the Moisture analyzer

   a. The instrument can use for test the moisture of the sample, each improper operation may result in personal injury and equipment damage
   b. Please access the AC power accordance with the manual;
   c. Please make sure the power cord does not interfere with people action;
   d. Do not use the instrument under the hazardous, wet or unstable environment;
   e. Unplug the power before you clean the analyzer;
   f. Please keep enough space around the instrument, and keep the top of the space at least 1m;
   g. During a special experiment, please wear protective equipment by yourself;
   h. Please do not change the instrument's components and any other aspects. Maintenance of this equipment by the factory authorized professionals。

   Moisture analyzer use Halogen lamp.

   i. Do not put the flammable materials around the instrument;
   j. Do not touch the halogen lamp when it on working. Special attention to the dangers of some sample;
   k. Before you test the moisture of dangerous good, please take Full investigation

   Inflammable and explosive materials: Heating the inflammable and explosive materials will produce flammable gases or vapors, so need to lower the temperature in a dry environment. In case of fire or explosion.

   Toxic and corrosive substance: Keep the samples of toxic or corrosive ingredients in well-ventilated environment.

Second: Installation

2.1 Standard Packing List
Please check whether the packaging and accessories is complete when you open it

Standard	Quantity	Note
Moisture Analyzer Mainframe	1 set	
Wind Cover	1 piece	
The sample pan holder	1 piece	
Tray handle	1 piece	

Power cord	1 piece	
Aluminum sample pan	1 set	50pcs
100g standard weight	1 piece	
Product Manual	1 piece	
Product certification	1 piece	
Warranty card	1 piece	

2.2 Operating Requirement

Operating table   Temperature stable,   good ventilation

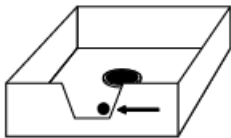Should be stable   dry, without strong vibration, of the environment
without strong magnetic field.

2.3 Installation of accessories

Place the wind cover, aligned holes.	Place the sample pan holder, rotate until positioning.	Put the aluminum sample pan on the bracket.

Third: Home Page

3.1 Start Page

Turn on the instrument and enter the start page.

Print: Print the history of the testing;

Menu: Set the parameters of testing;

Tare: Keep the 0.000 before weighing;

Start: Start the testing.

3.2 Test Page:

Print: Print the history of the testing;

Conversion: Choose the result display for: Moisture/Sample weight/dry%;
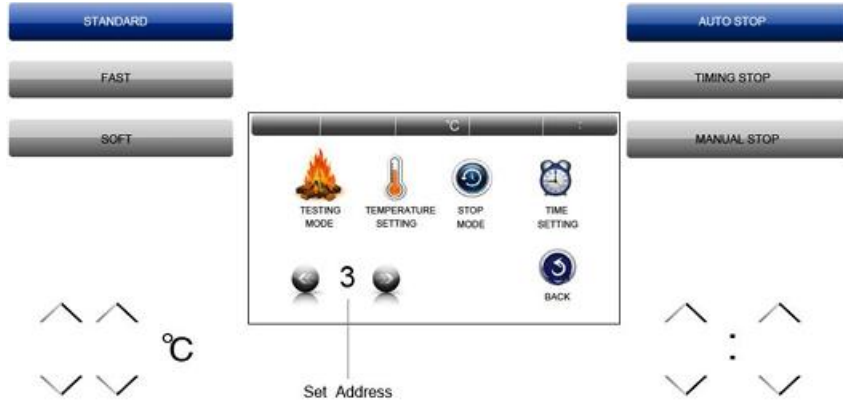
Stop: Stop the testing;

Back: Back to start page

Fourth: Home Page

This page for choose the different function and setting as required.

4.1 Parameters Setting

Stop Mode:

Auto Stop: The testing will stop when it differentiate the moisture testing finish. Timing Stop: You can setting the testing time as your required. Manual Stop: The testing will not stop until you press the stop key.

Testing Mode:

Auto Mode: The mode suit for most sample for common moisture test; Soft Mode: Some fusible and volatility things can choose this mode; Fast Mode: Some stable and thermo stability things can choose this mode.

Temperature Setting:

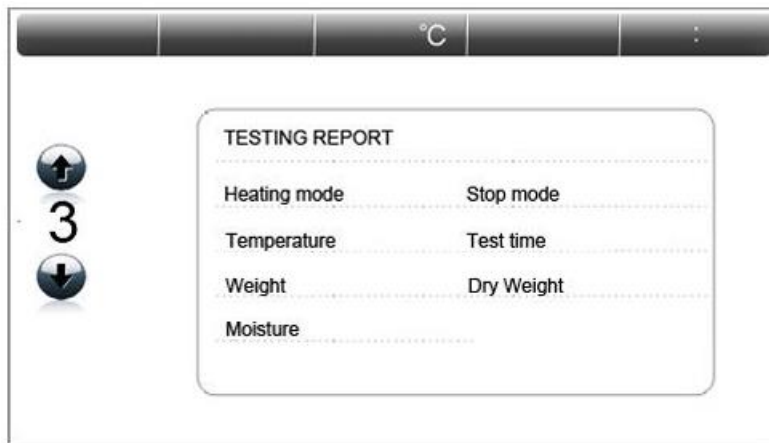You can choose the temperature as you need.

Temperature range: 40~199℃

Temperature step：1℃

Timing Setting:

The mode just suit for the timing stop mode.

4.2 History

Operator can choose the history and print the result.

4.3 Printer

The baud rate and communication mode.

Baud rate: 1200/2400/4800/9600

Communication mode: Continuous/Point output

4.4: Calibration

When the instrument error or improper operate. Calibration weights can be adjusted with accuracy.Press "One point calibration" and does not release until it display"-cal-",Then flashing put on the "100.000", put on the calibration weight, then it will display "= = = = = =", until it display "100.000",and will show remove the weight, it will display "= = = = = = "again, Waiting it show" 0.000 ", the calibration is completed.

When the instrument can not work, you can also choose the multi-point calibration, and according the note, operation the calibration.
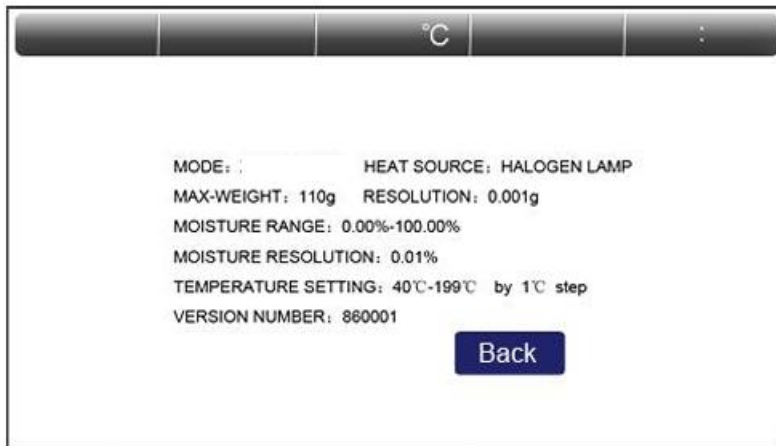
4.5: Language

Enter the language page and choose the language as required.

4.6 System Setting

The function include: Time/Date, T-calibration and Factory setting.
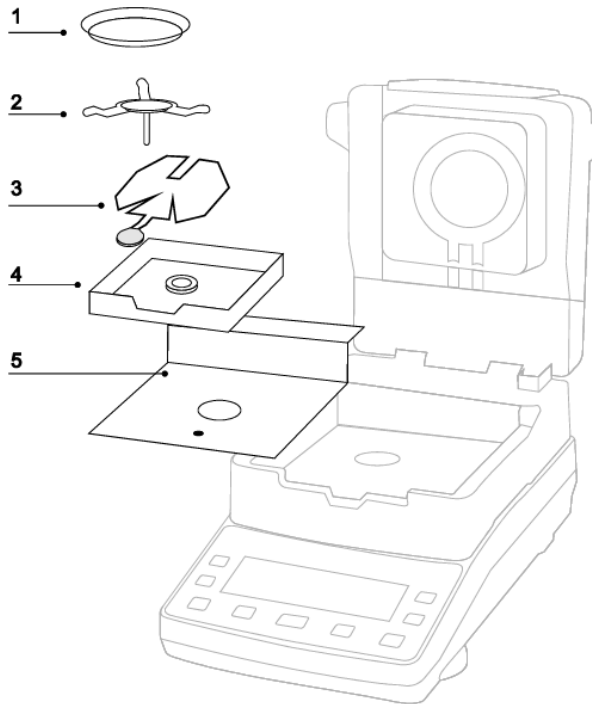
4.7 System Information

Mode	XY100MW-T
Specification	110g/1mg
Readability	1mg
Pan size	Φ 100
Heating mode	Halogen lamp
Display	LCD
Temperature Setting	40°C~199°C
Time Setting	1~99 minutes
ATRO	100%~999%
ATRO	0%~999%

History store	15
Power supply	220V

Fifth: Schedule: assembly drawing

Please installation the instrument according the picture

Installation order from top to bottom: 1--2--3--4—5

1. Aluminum scale pan
2. The triangle scale frame
3. Scale pan brackets
4. Wind cover
5. Stainless steel plate

1. Warm-up the analyzer 30 minutes and take the first time calibration;
2. After the end of a water calibration experiments (see3.6);
3. Each time the switch machine, please interval of 5 seconds;
4. Cover the heater, do not leave the weight on the pan, or halogen lamps will be crushed;