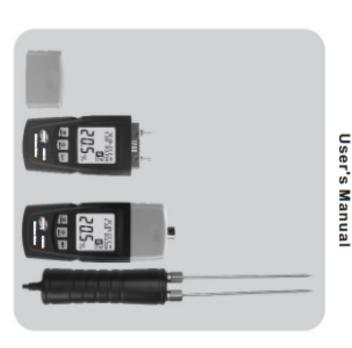




○ GM610 ○ GM620

Moisture Meter





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Manual OAAA battery

1PCS 2PCS

1PCS

Guarantee card

Before use notice

Check up

contact the local dealer. there is anything missing or mismatched please check if there are following items in the package, if ODetachable cap(for model GM620 only) 1PCS O Built-in cap O Woods moisture meter O Detachable fork(for model GM620 only) 1PCS Thanks for purchasing our product, please

Brief

bamboo, paper and some Chinese medical plants operation and 4-level adjustment, can be applied field, which features accurate output, convenient advanced core technology in MCU application in measuring the moisture level in the woods, This precision instrument applies the most

Features

- O Adjustable for 4 tree species.
- Reading lockable.
- Auto temperature compensation for environment varying.
- Maximum moisture reading review.
- O Backlight on/off switch.
- Applying CPU technology for accurate
- measuring.
- 2 pcs of AAA battery for power supply with battery icon for indication of power.
- O Large LCD.
- O Automatic turn-off if there is no further operation within 120 seconds while manual
- Able to measure the environmental humidity and temperature. turn-off can be performed.
- Compact and fine design with solid and light plastic material, Portable and easy operation.

Technical index

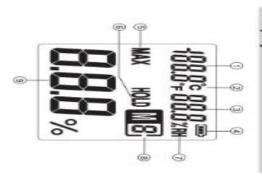
95%R	Temperature: 0°-40°: Humidity: 20%RH-95%RH	Humidit	Operating
0.1%	15.0%RH	20%RH-95%RH 5.0%RH 0.1%RH	
0.10	ari	-100-600	Temperature
	11%+0.5 0.5%	Spc1 2-40% Spc2 2-50% Spc3 2-60% Spc4 2-70%	Moisture
Resolu	Max error Resolution	Kange	

Fork	Size	Excludin	Weight	
9.8mm	135.6*55*29.4mm	Excluding battery	107.7g	GM610
147mm	144*55*29.4mm (Meter only). 278*36*36mm (Meter with fork)		115.8g(Meter only). 133.3g (Meter with fork)	GM620

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Table for various trees

White ash	Maple	European silver	Manchurian ash	Lauan	Douglas fir / D-fir	Banya pine	Teak	White poplar	Apitong	Walnut tree	Brazil walnut tree	Ormosia hosiei	Rhodes west teak	Spc
64	ÇLP.	Gal	64	မ	54	w	~	2	2	2	-	-	-	Level
Basswood	Birch	Apitong	Larch	Abies holophylla maxim	Coquito	Chinese red pine	Oak	Dipterocarpus	Hemlock	Gmelina chinensis benth	Elm tree	Rose wood	African whitewood	Spc
4	-	-	-		-	-	w	w	car	w	~	Cat	w	Level



- Temperature reading 6. Data hold
- 2. Temperature unit 7. Humidity unit
- 4. Battery volume 3. Humidity reading species

8. Selection of woods

 Maximum value 9. Moisture in woods

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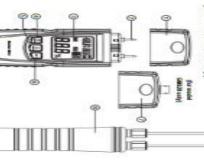
Panel

- 1. Built-in cap
- 2. Built-in fork
- 3. LCD

(No model

- Switch between tree species/ Selection of parameters
- 5. ON/OFF key/Data hold
- 6. Backlight/Parameter setting key
- 7. Detachable cap(for model GM620 only)
- 8. Detachable fork

(for model GM620 only)



2. How to operate

Operation

- 1. Install the battery and press the " "key to turn on.
- 2. Then press "Il "key to select the tree species from the recommended to use level2 as reference. But the error page 4. If the wood is not these listed in the table, it is given 4 levels accordingly as referred to in the table of feet of the fork should be inserted into the woods at one arising from the performance shall be considered. The 2
- 3. Press (0) "key to hold the moisture reading with an HOLD icon on LCD. Press the "0" "key again to release the hold function.
- 4. Press on the " by "key for 2 seconds to turn the device
- 5. Press the" = "key to turn on the backlight. Press the moisture reading-T-7. Press the" are "key to confirm next parameter which appears in order of MAX-current "as" key for 2 seconds to enter into parameter setting mode and the MAX icon flashes and "B" again to set the the selected.
- (1) When the MAX flashes press the" are "key to display the Maximum readings of moisture saved.
- (3) When T flashes, press" are "key to select Centigrade (2) When the current moisture reading flashes, press "art "key to display the current moisture reading.
- (4) When T' flashes, press" ar "key to select Fahrenheil
- 6. The device turns off automatically within 2 minutes if there is no further key operation or moisture measuring

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Selecting level

given, please select the level as follow: If the moisture of the measured woods is not

recommended to measure at 2 level, but the error If you can not measure in a way said above, it is may arise must be considered. 4 readings and fix the level for future measurement moisture, then compare the results with the above said which is closest to the output measured with oven Then put the sample into the oven to measure the with the 4 levels respectively and record the readings. Firstly measure the even moisture woods sample

Battery replacement

- If there is "\(\sigma\) " icon appears on LCD, please replacethe battery immediately. If not an unexpected error may arise.
- Insert battery as marked on the battery door.
- Take out the battery if the device is expected not to use for a long time less the battery leak occurs

Open the battery door to take out the battery

Attentions

- This device features temperature compensation function operate the device after the temperature reading get if the environmental temperature varies sharply, please
- 2. The fork on the device is very sharp, do not point the device to the people or let the children to play with it
- 3. Do not touch the device with the water or any crosive liquid lest the device damages.
- 4. Do not contact the fork with any object with electricity lest the device damages.

meter and fork type moisture meter Difference between inductive moisture

content with each other. Inductive type mete is based on the respect of density, but they have a very similar moisture impact on the moisture content in woods, for example, the horizontal texture direction. The density of the tree has little texture does. In practice we adopt the output tested with factors which may impact the reading output. Generally, the woods texture, temperature and inserting depth are all the from 2% to 70%. Different tree species, direction of the the 2 feet of the fork and get the moisture reading ranging soft banya pine has a great difference with the hard oak in horizontal texture gives a smaller output than the vertical (inductive type), the fork type pick up the resistance between resistance type(fork type) device and AC dielectric type Electrical moisture meter basically is classified as DC

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of the moisture content of the woods. And such instrument value tan 8 of power consumption angle are in proportion closely with the woods while measuring. This type of instrument features quick and easy operation but bigger erro adopts plane electrode or club like electrode which contact 1. Case cleaning Keep-up and maintenance Q Use only the fresh water to clean the case of the

work principal that the dielectric constant c and tangent

O Never impact it or operate and store it in humid product, forbidden to use any crosive liquid such as alcohol etc.

Do not store the product in the environment below

Humid or dusty environment.

High density of salt or sulfur

d. High temperature or humidity, or environment in Environment full of the other chemical gas. direct sunlight.

species and humidity, different devices may result in different do not have adjustment levels in accordance with various tree and origin of place and in most the portable moisture devices

Different meters may output differently Arising from different tree species, different temperature

Maintenance

Please refer to the guaranty eard offered.

We hold no responsibility for the product due to the following reason.

invoice/guaranty card. proof or unauthorized amendment on the purchasing damage due to abuse, failure to provide purchasing transportation after purchasing and wrong storage Unauthorized disassembly of the product, improper

are drying-up method, electrical method, carbonization

Methods for measuring the moisture content in woods

moisture content in woods Methods for measuring the

method, titration method and humidity method.In production

a. We reserve the right to change the specification instruction manual of the product without further

b. Old battery dealing must be complied with the local law and regulations.

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in woods, can be widely applied in mass production.

Electrical method adopts the working principal of woods but time-taking, just applicable to the laboratory practice from the oven will be calculated and be referred to as the the original sample weight and dry-up weight after taking out drying-up method and electrical method are generally adopted

moisture content index. This method features high precision

With dry-up method, the woods weight difference between

electrical performance concerning with the moisture content