

Owner's Manual & Safety Instructions

Save This Manual Keep this manual for the safety warnings and precautions, assembly, operating, inspection, maintenance and cleaning procedures. Write the product's serial number in the back of the manual (or month and year of purchase if product has no number). Keep this manual and the receipt in a safe and dry place for future reference.

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***PITTSBURGH*[®]** **DIGITAL MINI MOISTURE METER**



Visit our website at: <http://www.harborfreight.com>
Email our technical support at: predator@harborfreight.com

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When unpacking, make sure that the product is intact and undamaged. If any parts are missing or broken, please call 1-888-866-5797 as soon as possible.

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No portion of this manual or any artwork contained herein may be reproduced in any shape or form without the express written consent of Harbor Freight Tools. Diagrams within this manual may not be drawn proportionally. Due to continuing improvements, actual product may differ slightly from the product described herein. Tools required for assembly and service may not be included.

⚠ WARNING

Read this material before using this product. Failure to do so can result in serious injury. SAVE THIS MANUAL.

Specifications

Measurement Range	
Timber, Paper, Cardboard	Mortar, Concrete, Plaster
6 ~ 42%	0.2 ~ 2.0%
Accuracy	
Reading < 30%: ± 2%	Reading < 1.4%: ± 0.1%
Reading > 30%: ± 4%	Reading > 1.4%: ± 0.2%
Resolution	
1%	0.1%
Battery	
(4) 1.5V LR44	

Operating Environment (Relative Humidity < 85%)	
Celsius	Fahrenheit
0°C ~ 40°C	32°F ~ 104°F
Measurement Range	
0°C ~ 40°C	32°F ~ 99°F
Storage Environment (Relative Humidity < 85%)	
-10°C ~ 50°C	14°F ~ 122°F
Resolution	
1°C	2°F

Important Safety Information

Use Precautions

- Do not use for food safety or medical applications.
- This product is not a toy. Do not allow children to play with this item.
- Use as intended only.
- Inspect before every use; do not use if parts loose or damaged.
- Keep batteries out of reach of children. Keep batteries in original package until ready to use. Discard used batteries immediately. Do not allow children to play with devices containing batteries.
- Risk of Fire and Burns. Do Not Open, Crush, Heat or Incinerate battery. Dispose of internal battery properly in accordance with applicable law.
- Maintain product labels and nameplates. These carry important safety information. If unreadable or missing, contact Harbor Freight Tools for a replacement.
- Wear ANSI-approved safety goggles and heavy-duty work gloves when replacing battery.

Button/Coin Battery Safety



This symbol means:
INGESTION HAZARD: This product contains a button cell or coin battery.

1. Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate.
2. Even used batteries may cause severe injury or death.
3. Call a local poison control center for treatment information.
4. Non-rechargeable batteries are not to be recharged.
5. Do not force discharge, recharge, disassemble, heat above 122°F or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns.
6. Ensure the batteries are installed correctly according to polarity (+ and -).
7. Do not mix old and new batteries, different brands or types of batteries, such as alkaline, carbon-zinc, or rechargeable batteries.
8. Remove and immediately recycle or dispose of batteries from equipment not used for an extended period of time according to local regulations.
9. Always completely secure the battery compartment. If the battery compartment does not close securely, stop using the product, remove the batteries, and keep them away from children.

⚠ WARNING

- **INGESTION HAZARD:** This product contains a button cell or coin battery.
- **DEATH** or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause **Internal Chemical Burns** in as little as **2 hours**.
- **KEEP** new and used batteries **OUT OF REACH OF CHILDREN**
- **Seek immediate medical attention** if a battery is suspected to be swallowed or inserted inside any part of the body.



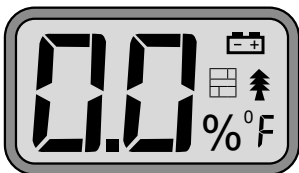
Components









Meter Uses

The Digital Mini Moisture Meter can be used to measure environmental temperature and the moisture of cut timber, paper, cardboard, mortar, concrete, and plaster.

Symbol Guide



	Replace low batteries
	Percent moisture
	Wood Mode Use this mode to measure moisture level of cut timber, paper, or cardboard
	Hard Material Mode Use this mode to measure moisture level of mortar, concrete, or plaster
	Celsius Degrees Mode
	Fahrenheit Degrees Mode

Operating Instructions

1. Remove pull tab from battery compartment before use.
2. **Turning Unit On:** Press ON/SET Button once.
3. **Selecting Measurement Mode:**
 - a. Press and hold ON/SET Button for about 3 seconds to enter setting mode. (Reading will disappear and a symbol will flash on and off in the LCD display.)
 - b. While symbol is flashing, press and release ON/SET Button to cycle through the four different operating modes:
 - c. When flashing symbol for the desired mode is displayed, release the ON/SET Button. The system will lock onto the selection.
 - d. Remove Probe Cover.
4. **Performing Measurement:**
 - a. Temperature is displayed immediately after selecting Celsius or Fahrenheit Mode.
 - b. Measure moisture by driving probes into wood or material being measured.
5. **Automatic Power Off:** In any mode, meter will turn off after about 15 seconds of inactivity.

Maintenance

1. Keep meter dry and clean. Wipe clean with moist cloth as needed.
2. When the Replace Low Battery indicator is displayed, replace batteries.
3. For extended storage, remove the batteries and keep the Moisture Meter in a dry location in.

Battery Replacement

1. Remove screw(s) and open battery compartment.
2. Remove battery and dispose of properly.
3. Install new battery in correct polarity, close compartment and replace screw(s).

Record Product's Serial Number Here: _____

Note: If product has no serial number, record month and year of purchase instead.

Note: Replacement parts are not available for this item. Refer to UPC 193175507624.

Limited 90 Day Warranty

Harbor Freight Tools Co. makes every effort to assure that its products meet high quality and durability standards, and warrants to the original purchaser that this product is free from defects in materials and workmanship for the period of 90 days from the date of purchase. This warranty does not apply to damage due directly or indirectly, to misuse, abuse, negligence or accidents, repairs or alterations outside our facilities, criminal activity, improper installation, normal wear and tear, or to lack of maintenance. We shall in no event be liable for death, injuries to persons or property, or for incidental, contingent, special or consequential damages arising from the use of our product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation of exclusion may not apply to you. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS.

To take advantage of this warranty, the product or part must be returned to us with transportation charges prepaid. Proof of purchase date and an explanation of the complaint must accompany the merchandise. If our inspection verifies the defect, we will either repair or replace the product at our election or we may elect to refund the purchase price if we cannot readily and quickly provide you with a replacement. We will return repaired products at our expense, but if we determine there is no defect, or that the defect resulted from causes not within the scope of our warranty, then you must bear the cost of returning the product.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

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