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› YOOREAL Digital Inductive Hour Meter HM006A Instruction Manual

**YOOREAL YR-HM006A**

# YOOREAL Digital Inductive Hour Meter HM006A Instruction Manual

## INTRODUCTION

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This manual provides detailed instructions for the installation, operation, and maintenance of your YOOREAL Digital Inductive Hour Meter, model HM006A. This device is designed to accurately track the operating hours of various gasoline engines, assisting with timely maintenance scheduling.

# HOUR METER

Ours  
0 to 99,999H

Others  
0 to 9,999H



Help you track how many hours you put on your engine.

Timing accuracy:0.1H

Image: Front view of the YOOREAL Digital Inductive Hour Meter HM006A.

## KEY FEATURES

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- **Wide Application:** Suitable for any gasoline engine, including lawn mowers, boats, ATVs, motorcycles, off-road skis, vehicles, and generators. It helps track machine life for scheduling essential maintenance like oil changes, valve adjustments, clutch repairs, and chassis lubrication.
- **Total Hours Accumulation:** Accurately records total engine operating hours from 0 to 99999 hours, with a resolution of 0.1 hours.
- **Durable and Waterproof Design:** Constructed from ABS material and 100% sealed with epoxy resin, ensuring IP68 waterproof, shockproof, and high/low temperature resistance for long-term use.
- **Easy Installation:** Simple connection to the spark plug wire, secured with included screws or cable ties.

# YOOREAL<sup>®</sup>

HOUR METER | BATTERY INDICATOR | MULTIFUNCTION HOUR METER | DAY TIMERS

YOOREAL HAS HARDWORKING TECHNICIANS AND PROFESSIONAL AND ENTHUSIASTIC AFTER-SALES TEAM, COMMITTED TO THE DEVELOPMENT AND MANUFACTURING OF HOUR METERS, BATTERY INDICATORS, MULTI-FUNCTION METERS, DAY TIMERS FOR THE GARDEN MACHINERY INDUSTRY, OUTDOOR POWER VEHICLE EQUIPMENT, TRANSPORTATION VEHICLES.

Image: Comparison of hour meter display range, highlighting the 0 to 99,999 hour capacity.



Image: The hour meter displaying accumulated hours, illustrating its data storage capability.

## PACKAGE CONTENTS

The product package includes the following items:

- 1 x YOOREAL Induction Timer (Hour Meter)
- 1 x Connection Cable
- 2 x Mounting Screws
- 2 x Cable Ties

# ACCESSORIES



zip tie\*2



wire\*1



screw\*2



product\*1

Image: All components included in the YOOREAL Digital Inductive Hour Meter package.

## INSTALLATION GUIDE

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Follow these steps to properly install your hour meter:

### Step 1: Connect the Cable to the Hour Meter

Snap one end of the provided connection cable into the designated card slot on the back of the hour meter. Ensure it is firmly seated.

### Step 2: Wrap Cable Around Spark Plug Wire

Wrap the other end of the cable around the spark plug wire of your engine approximately 5 times. This inductive connection allows the meter to detect engine operation. Make sure the pick-up wire does not make direct contact with the engine itself, only the spark plug wire insulation.

### Step 3: Secure the Cable

Use the provided cable ties to secure the wrapped cable to the spark plug wire, preventing it from coming loose due to vibrations or movement.

## Step 4: Mount the Hour Meter

Mount the hour meter to a suitable, stable location on your equipment using the provided screws or additional cable ties. Choose a spot that is easily visible and does not obstruct any moving parts or controls.



Image: Example of the hour meter installed on a chainsaw, with the cable connected to the spark plug wire.

**Your browser does not support the video tag.**

Video: This video demonstrates the installation process of the hour meter, including connecting the cable, wrapping it around the spark plug wire, and securing it. It also shows the meter's waterproof and durability tests, and various applications.

## OPERATION

Once installed, the hour meter operates automatically. When the engine starts, the hourglass icon on the meter's display will begin to flash, indicating that it is actively tracking time. After approximately 6 minutes of continuous engine operation, the display will update to 0.1 hours. The meter will continue to accumulate total operating hours in 0.1-hour increments up to 99999 hours.

All accumulated historical data is automatically saved and retained even when the engine is turned off, ensuring accurate long-term tracking of your equipment's usage.

## PRODUCT SPECIFICATIONS

Feature	Detail
Model Number	YR-HM006A
Total Hours Range	0 to 99999 hours
Hour Resolution	0.1 hours
Waterproof Rating	IP68
Material	Acrylonitrile Butadiene Styrene (ABS)
Dimensions (L x W x H)	54 x 36.5 x 14.5 mm (2.13 x 1.44 x 0.57 inches)
Weight	30 Grams
Battery	1 Lithium Metal battery (included)
Compatibility	All gasoline engines with spark plugs

## DIMENSION



Image: Detailed dimensions of the hour meter.

## DURABILITY AND APPLICATION

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The YOOREAL HM006A hour meter is built to withstand various environmental conditions and is suitable for a wide range of equipment.

### Waterproof Testing



Image: The hour meter undergoing a high-pressure waterproof test.

# WATERPROOF



IP68  
Waterproof



Image: The hour meter fully submerged in water during a waterproof test.

## Temperature and Drop Testing



Image: The hour meter being subjected to high/low temperature and drop tests to ensure durability.

## Typical Applications

# APPLICATION

such as generators; Lawn mower; chainsaws; UTV , etc



Image: Various applications for the hour meter, such as generators, lawn mowers, chainsaws, and UTVs.

## MAINTENANCE

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The YOOREAL HM006A hour meter is designed for minimal maintenance. To ensure optimal performance and longevity:

- **Inspect Connections:** Periodically check the cable connection to the spark plug to ensure it remains secure and free from damage.
- **Keep Clean:** Wipe the meter clean with a soft, damp cloth to remove any excessive dirt or debris. Avoid using harsh chemicals.
- **No User-Serviceable Parts:** The hour meter contains no user-serviceable parts. Do not attempt to open or repair the device, as this may void the warranty.

## TROUBLESHOOTING

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If you encounter issues with your hour meter, refer to the following troubleshooting tips:

### Meter Not Displaying Hours:

- **Check Cable Connection:** Ensure the cable is securely snapped into the back of the hour meter.
- **Verify Spark Plug Wire Wrap:** Confirm that the cable is wrapped around the spark plug wire at least 5 times and is making good inductive contact.
- **Engine Operation:** Ensure the engine is running. The hourglass icon should flash when the engine is operating.
- **Inspect Cable:** Check the spark plug wire and the meter's cable for any visible damage or fraying.

### **Inaccurate Hour Readings:**

- **Tighten Cable Wrap:** Ensure the cable is tightly wrapped around the spark plug wire. Loose connections can lead to inconsistent or inaccurate readings.
- **Cable Condition:** Verify the cable is not damaged, which could affect signal transmission.

## **WARRANTY AND SUPPORT**

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YOOREAL stands behind its products with a commitment to customer satisfaction.

- **2-Year After-Sales Service:** YOOREAL provides a 2-year after-sales service for this product. If any quality issues arise within this period, a free replacement service is available.
- **Contact Support:** For any questions, concerns, or warranty claims, please contact YOOREAL customer service directly through the Amazon platform. The YOOREAL Care Team is available to assist you.

For more information about YOOREAL products and services, please visit the official [YOOREAL Store](#).