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## YOOREAL HM006A

# YOOREAL Digital Inductive Hour Meter HM006A Instruction Manual

## INTRODUCTION

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The YOOREAL Digital Inductive Hour Meter HM006A is a reliable device designed to track the operating hours of any gas engine. This meter helps users monitor engine service life, facilitating timely maintenance such as oil changes, valve adjustments, and spark plug replacements. Its robust design ensures durability in various environments.

## Product Overview

# 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

The Yooreal Digital Inductive Hour Meter HM006A, shown here in its retail packaging, is designed to track engine operating hours.

## What's Included

- 1 x YOOREAL Digital Inductive Hour Meter (HM006A)
- 1 x Inductive Cable
- 2 x Mounting Screws
- 2 x Cable Ties

# DIMENSION



The package includes the Yooreal Digital Inductive Hour Meter, two screws for mounting, one inductive cable, and two cable ties for securing the cable.

## KEY FEATURES

- **Wide Application:** Suitable for any gas engine and generator, including lawn mowers, boats, ATVs, motorcycles, and pressure washers.
- **Total Hours Tracking:** Accumulates total engine hours from 0 to 99,999 hours with a 0.1-hour resolution.
- **Durable and Waterproof:** Made of ABS material, 100% epoxy sealed, waterproof (IP68), shockproof, and resistant to high and low temperatures.
- **Easy Installation:** Simple connection to the spark plug wire; secures with screws or zip ties.
- **Data Storage:** Historical data is automatically saved when the machine is turned off.
- **Non-replaceable Battery:** Powered by a CR2430 300mAh battery (non-replaceable).

## Feature Visuals



The meter displays total accumulated hours up to 99,999 hours with a 0.1-hour resolution, allowing precise tracking of engine usage.

### DATA STORAGE



Historical data is automatically saved when the machine is turned off

The meter automatically saves historical data, ensuring that recorded hours are retained even when the engine is off.



Waterproof level, high and low temperature, anti-drop test

The meter is 100% epoxy sealed and waterproof (IP68),

capable of withstanding high-pressure water exposure.



Further demonstrating its IP68 waterproof rating, the meter remains functional after being fully immersed in water.

## INSTALLATION GUIDE

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Follow these steps to properly install your YOOREAL Digital Inductive Hour Meter HM006A:

1. **Connect the Cable to the Meter:** Snap one end of the inductive cable into the card slot located on the back of the hour meter. Ensure it is securely seated.
2. **Wrap Cable Around Spark Plug Wire:** Carefully wrap the other end of the inductive cable around the spark plug wire of your engine. Wrap it approximately 5 times to ensure a strong inductive signal.
3. **Secure the Cable:** Use the provided cable ties to secure the wrapped cable to prevent it from coming loose or interfering with engine components.
4. **Mount the Hour Meter:** Choose a suitable location on your equipment's frame or housing. Use the provided screws or additional zip ties to securely mount the hour meter. Ensure the display is easily visible.

For a visual demonstration of the installation process, please refer to the video below:

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

Video demonstrating the installation process of the Yooreal Digital Inductive Hour Meter on a gas engine. This video provides a step-by-step guide on how to install the Yooreal Digital Inductive Hour Meter, including connecting the cable to the spark plug and mounting the meter.



The image illustrates the hour meter installed on a chainsaw, with the inductive cable correctly wrapped around the spark plug wire to detect engine operation.

## OPERATION

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The YOOREAL Digital Inductive Hour Meter operates automatically once installed correctly. It detects engine activity through the inductive cable wrapped around the spark plug wire.

- **Engine Start Detection:** When the engine starts working, an hourglass icon on the meter's display will flash, indicating that it is actively tracking time.
- **Hour Accumulation:** After approximately 6 minutes of continuous engine operation, the display will update to 0.1 hours. The meter continues to accumulate hours in 0.1-hour increments.
- **Total Hours Display:** The meter displays the total accumulated hours up to 99,999 hours.
- **Data Retention:** All recorded hours are automatically saved and retained even when the engine is turned off or the meter is not actively running.

No manual input or reset is required for basic hour tracking. The meter is designed for continuous, maintenance-free operation regarding its time-tracking function.

## MAINTENANCE

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The YOOREAL Digital Inductive Hour Meter HM006A is designed for minimal maintenance due to its sealed construction.

- **Battery Life:** The meter is powered by a CR2430 300mAh battery, which is non-replaceable. The battery is designed to last for the lifespan of the product.
- **Cleaning:** If the meter becomes dirty, wipe it with a soft, damp cloth. Avoid using harsh chemicals or abrasive cleaners.
- **Inspection:** Periodically check the inductive cable and mounting for any signs of wear or damage. Ensure the cable remains securely wrapped around the spark plug wire and the meter is firmly mounted.

The primary purpose of the hour meter is to help you track the service intervals of your engine. Refer to your engine's manual for recommended maintenance schedules based on operating hours.

## TROUBLESHOOTING

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If your YOOREAL Digital Inductive Hour Meter HM006A is not functioning as expected, consider the following:

- **Display Not Activating:** Ensure the inductive cable is securely connected to the meter and properly wrapped around the spark plug wire (at least 5 laps). The meter relies on the spark plug's ignition signal.
- **No Hour Accumulation:** Verify that the engine is running for a sufficient duration (at least 6 minutes) for the meter to register 0.1 hours. If the hourglass icon is not flashing, the meter is not detecting the engine's operation. Re-check the cable connection and wrapping.
- **Physical Damage:** Inspect the meter and cable for any visible damage. Although the meter is shockproof and waterproof, extreme impacts or prolonged exposure to harsh conditions can affect its functionality.

If troubleshooting steps do not resolve the issue, please contact YOOREAL customer service for further assistance.

## APPLICATIONS

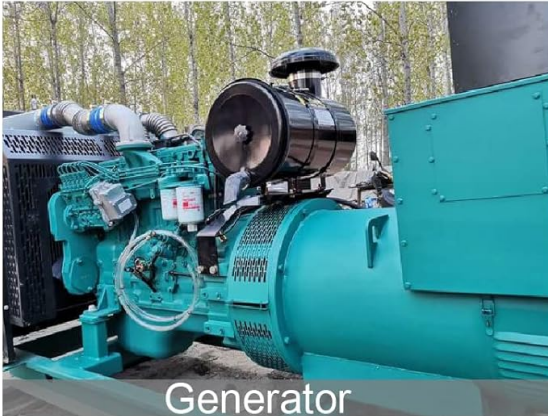
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The YOOREAL Digital Inductive Hour Meter HM006A is versatile and compatible with a wide range of gas-powered equipment, enabling accurate hour tracking for various applications:

- Lawn Mowers (Riding and Push)
- Generators
- Chainsaws
- ATVs (All-Terrain Vehicles)
- Motorcycles (Dirt Bikes, etc.)
- Boats (Outboard Motors)
- Pressure Washers
- Land Trimmers
- Other small gas engines

# APPLICATION

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



The Yooreal Digital Inductive Hour Meter is versatile and can be used with a wide range of gas-powered equipment, including generators, lawn mowers, chainsaws, and UTVs.

## SPECIFICATIONS

<b>Brand</b>	YOOREAL
<b>Model Number</b>	YR-HM006A
<b>Material</b>	ABS
<b>Item Dimensions (L x W x H)</b>	1.42 x 0.59 x 2.13 inches (54 x 36.5 x 14.5 mm)
<b>Item Weight</b>	1.06 ounces (30 Grams)
<b>Waterproof Rating</b>	IP68
<b>Hour Resolution</b>	0.1H
<b>Total Hours Range</b>	0 to 99999 H
<b>Battery Type</b>	CR2430 300mAh Lithium Metal (non-replaceable)

## ACCESSORIES



zip tie\*2



wire\*1



screw\*2



product\*1

The compact dimensions of the meter are 54mm x 36.5mm x 14.5mm (2.13 x 1.44 x 0.57 inches), making it suitable for various mounting locations.

## WARRANTY AND SUPPORT

YOOREAL is committed to providing high-quality products and excellent customer service.

- **Warranty:** The product comes with 2 years of technical support and after-sales service.
- **Product Problems:** In case of product problems, YOOREAL offers free replacement or return services.
- **Customer Service:** YOOREAL provides online customer service. If you encounter any issues, you can contact the YOOREAL store for assistance.
- **Certifications:** The product is CE and RoHS certified.

For any inquiries or support, please reach out to YOOREAL customer service through the platform where you purchased the product.

