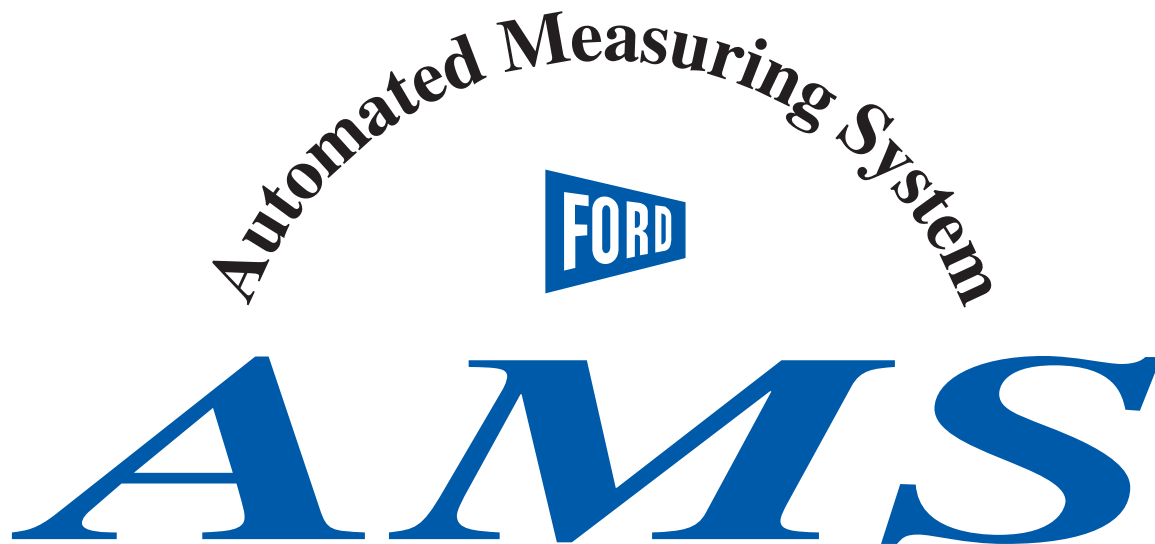


# Ford AMS (Automated Measuring System)

*for use with new or existing  
Ford Test Benches*



The Ford Meter Box Company, Inc.  
Wabash, Indiana



# Basics of a Ford Meter Box AMS equipped Test Bench

## Easy setup . . .

- AMS works with new or existing, Indianapolis Style or Standard Ford test benches.
- You can install the modular AMS fast and easy.
- AMS components are compact and will easily fit in your existing location.

## Proven methods for testing . . .

• The Ford AMS combines the trusted method of weighing metered water with computer automation to ensure accurate measurements.

• Weighing metered water eliminates possible problems with optical, mechanical or volume measuring devices.

• The AMS computer compensates for the weight of the tank, water temperature, the altitude and the latitude of the test bench. Calculating these factors ensures that the Ford AMS test bench is the most accurate water meter test system on the market today.

## Gathering Data . . .

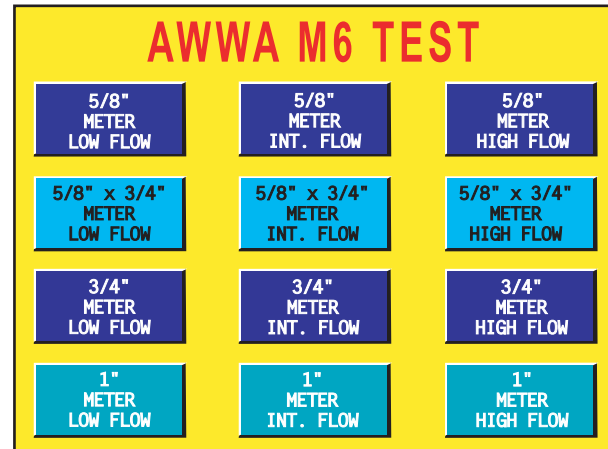
• Choose from a variety of pre-programmed AWWA Standard M6 tests.

• Once a test is started, AMS monitors the test and automatically stops the water flow at end of the test.

• The Ford AMS uses an easy to operate touch screen, menu-driven computer.

• The data gathered during the test is compiled by the AMS computer and is visible the operator on the screen as it is readied output.

• Meter test results can be printed by using the AMS supplied printer.



THIS SCREEN SHOWS THE VARIETY OF PRE-PROGRAMMED AWWA M6 TESTS AVAILABLE WITH AMS



PRINTED REPORT FROM AMS

# Components of a Ford Meter Box AMS equipped Test Bench

## COMPONENTS OF AMS

1. AMS console with computer and printer
2. 140-gallon plastic tank that includes a temperature probe and pneumatic discharge valve
3. Scale for tank
4. Automatic flow control valve (Catalog Number: AMS-AFCV)
5. Pneumatic inlet valve
6. Outlet assembly includes a manual flow control valve and a pneumatic outlet valve
7. Cables, hoses and connectors

## OPTIONAL ITEM

- Air compressor (Catalog Number: AMS-AC) for pneumatic valves



## AMS RETROFIT KITS

CATALOG NUMBER	DESCRIPTION
STB-AMS-RK	AMS Retrofit Kit for Standard Style Test Bench
ITB-AMS-RK	AMS Retrofit Kit for Indianapolis Style Test Bench
ITB-DR-AMS-RK	AMS Retrofit Kit for Double Row Indianapolis Style Test Bench

To order a new test bench with the AMS option, add “-AMS” to the end of the catalog number.  
Example: 112ITB-LR-AMS

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### Warranty

All merchandise is warranted to be free from defects in material and factory workmanship. We will provide free of charge new products in equal quantities for any that prove defective within one year from date of shipment from our factory. Manufacturer shall not be liable for any loss, damage, or injury, direct or consequential, arising out of the use of or the inability to use the product. Before using, user shall determine the suitability of product for his intended use and user assumes all risk and liability whatever in connection therewith. No claims for labor or consequential damage will be allowed. The foregoing may not be changed except by agreement signed by an officer of the manufacturer.

#### External Connection Note:

The Ford Meter Box Company **cannot provide support** for any type of external data connection for AMS. The Ford AMS will output data through a nine pin serial connector as unformatted ASCII text. It is up to the user and **not** Ford Meter Box to attach and program any external computer system. If an external data connection is used, the data must be sent to the external system by the operator at the completion of each test because the AMS does not have the capability to store test data. The AMS will not automatically send data to an external system.

#### Please Note:

The Ford Meter Box Company considers the information in this catalog to be correct at the time of publication. Item and option availability, including specifications, are subject to change without notice. Please verify that your product information is current.



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