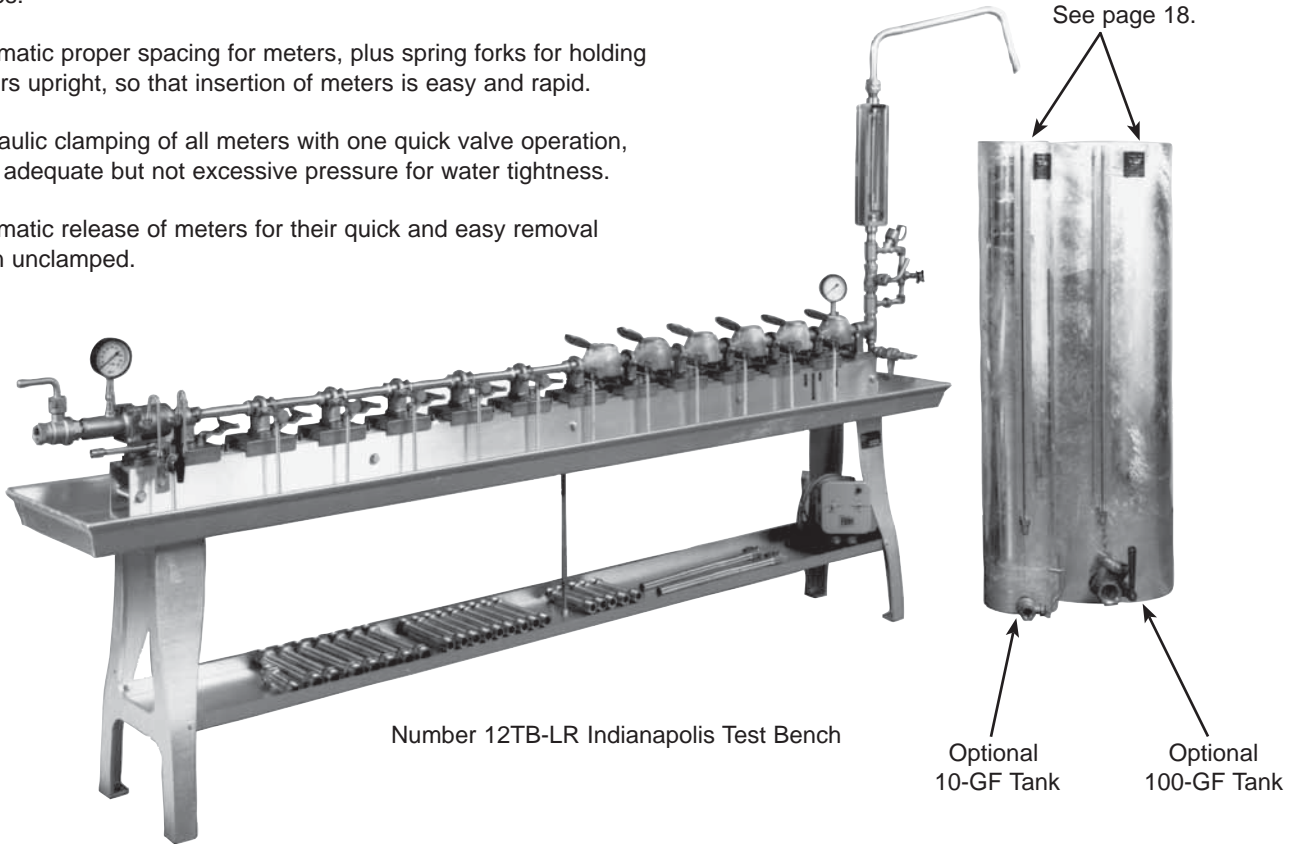


Ford Indianapolis Type Test Benches

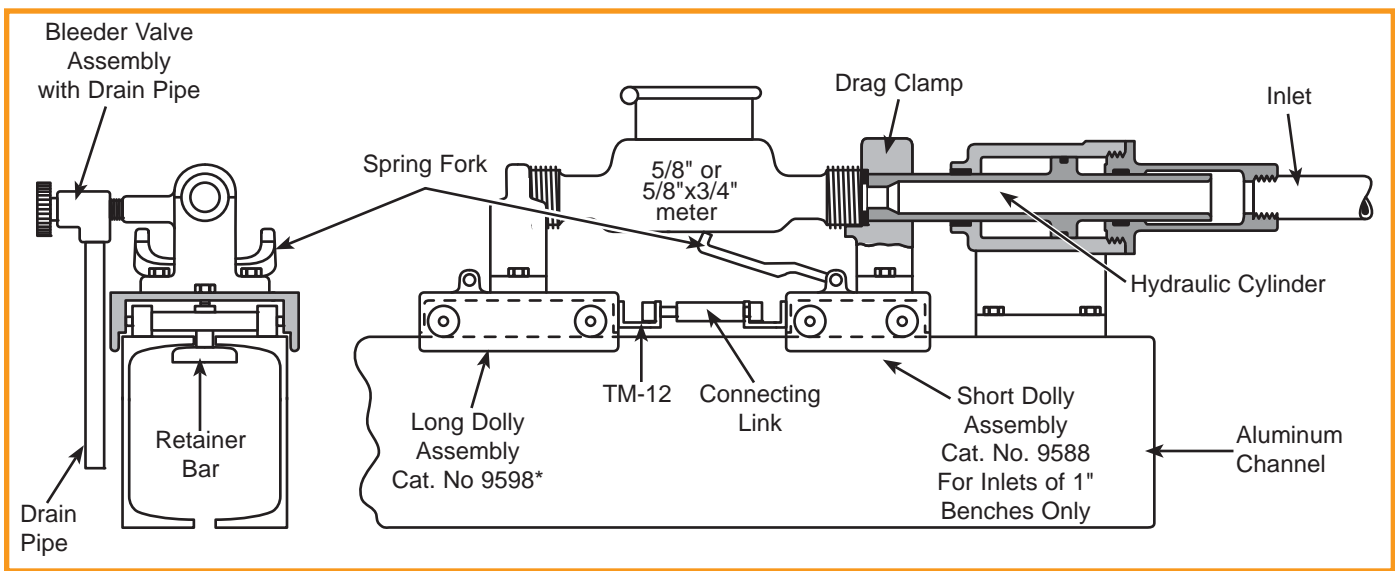
The Indianapolis Type Test Bench provides maximum efficiency for testing 5/8", 5/8"x3/4", 3/4" and 1" meters. This efficiency is provided by these exclusive Ford features:

1. Automatic proper spacing for meters, plus spring forks for holding meters upright, so that insertion of meters is easy and rapid.
2. Hydraulic clamping of all meters with one quick valve operation, providing adequate but not excessive pressure for water tightness.
3. Automatic release of meters for their quick and easy removal when unclamped.



Number 12TB-LR Indianapolis Test Bench

Meters are supported in saddles mounted on roller dollies, free to move easily along aluminum tracks. Motion of the dollies is limited by links that control spacing of saddles for meters to be tested. Time for loading and unloading meters in the test bench is reduced to a minimum.



The drawing shows the hydraulic cylinder, which is controlled by a small four-way valve. Also shown is an end view of one dolly with spring fork and bleeder valve, which is used to adjust the initial reading of each meter to an exact mark before the test is started.

* For all Indianapolis Test Stations except inlet on 1" Test Bench. To order, please specify catalog number and flow direction of existing bench.

Ford Indianapolis Type Test Benches

Indianapolis Test Benches for 5/8" and 5/8"x3/4" Meters include the following:

1. Hydraulic cylinder at inlet for automatic clamping of meters
2. Units or spaces for 10 or 12 meters as ordered
3. Ball Valve at inlet and outlet
4. Testrate Indicator (see page 16)
5. Pressure gauges at inlet and outlet
6. Bleeder or adjusting valve at outlet of each unit
7. A drain valve at outlet of bench
8. 18" copper swinging discharge pipe at outlet of bench
9. **All necessary gaskets and adapters for testing 5/8"x3/4" and 5/8" meters**
10. Idlers for all but one meter testing station

Inlet valve is tapped for 1" pipe connection 36" above the floor. Discharge pipe outlet is 62" above floor.

NOT INCLUDED: Calibrated Tanks (see page 18), Electric Flow Control Unit (see page 19), and Automated Measuring System (AMS) (See pages 20 and 21).

NOTE: The Double Row Indianapolis Test Bench (24ITB-DR) has two rows of 12 test stations each. They are plumbed so the two rows can be tested in series or each row tested separately.

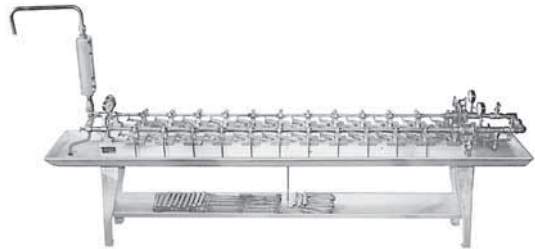
CATALOG NUMBERS		NUMBER OF UNITS	LENGTH OF PAN	WIDTH OF PAN	APPROX. SHIP. WT. LBS.
FLOW LEFT TO RIGHT	FLOW RIGHT TO LEFT				
SINGLE ROW INDIANAPOLIS TEST BENCHES					
10ITB-LR	10ITB-RL	10	102"	16-1/2"	550.0
12ITB-LR	12ITB-RL	12	118"	16-1/2"	600.0
DOUBLE ROW INDIANAPOLIS TEST BENCH					
24ITB-DR-LR	24ITB-DR-RL	24	124"	20"	900.0

Ordering Information – Options Available

Please order by Catalog Number from the table above. (Picture on page 12 shows a bench with water flow from left to right). Options include Calibrated Tanks (see page 18) and Electric Flow Control Unit (see page 19).

Note: Automated Measuring System (AMS) is available. Add "-AMS" to the end of the catalog number. Example: 24ITB-RL-AMS (See pages 20 and 21).

Sizes and Specifications of Indianapolis Type Test Benches for 1", 3/4", 5/8"x3/4" and 5/8" Meters



The 110 and 112 Indianapolis Type Test Benches can be used for efficient testing of 1" and smaller meters. The 110ITB style bench holds six 1", seven 3/4" and ten 5/8" or 5/8"x3/4" meters. The 112ITB style bench holds eight 1", ten 3/4" and twelve 5/8" or 5/8"x3/4" meters. All adapters are included and the benches can be changed from one size to another in less than five minutes. Each change must be complete; these benches are not functional to a mixture of sizes.

When changing meter sizes on a bench, it is necessary to change the links that control the space between the meter support pedestals. The support pedestals are configured to accept 1" meters; adapter rings are inserted in each pedestal when testing smaller meters.

NOTE: The Double Row Indianapolis Test Bench for 1", 3/4", 5/8"x3/4" and 5/8" meters (124ITB-DR) has two rows of 12 test stations each. They are plumbed so the two rows can be tested in series or each row tested separately.

CATALOG NUMBERS		NUMBER OF UNITS	LENGTH OF PAN	WIDTH OF PAN	APPROX. SHIP. WT. LBS.
FLOW LEFT TO RIGHT	FLOW RIGHT TO LEFT				
SINGLE ROW INDIANAPOLIS TEST BENCHES					
110ITB-LR	110ITB-RL	10	102"	16-1/2"	650.0
112ITB-LR	112ITB-RL	12	118"	16-1/2"	700.0
DOUBLE ROW INDIANAPOLIS TEST BENCH					
124ITB-DR-LR	124ITB-DR-RL	24	124"	20"	1000.0

Ordering Information – Options Available

Please order by Catalog Number from the table above. Options include Calibrated Tanks (see page 18) and the Electric Flow Control Unit (see page 19).

Note: Automated Measuring System (AMS) is available. Add "-AMS" to the end of the catalog number. Example: 124ITB-RL-AMS (See pages 20 and 21).