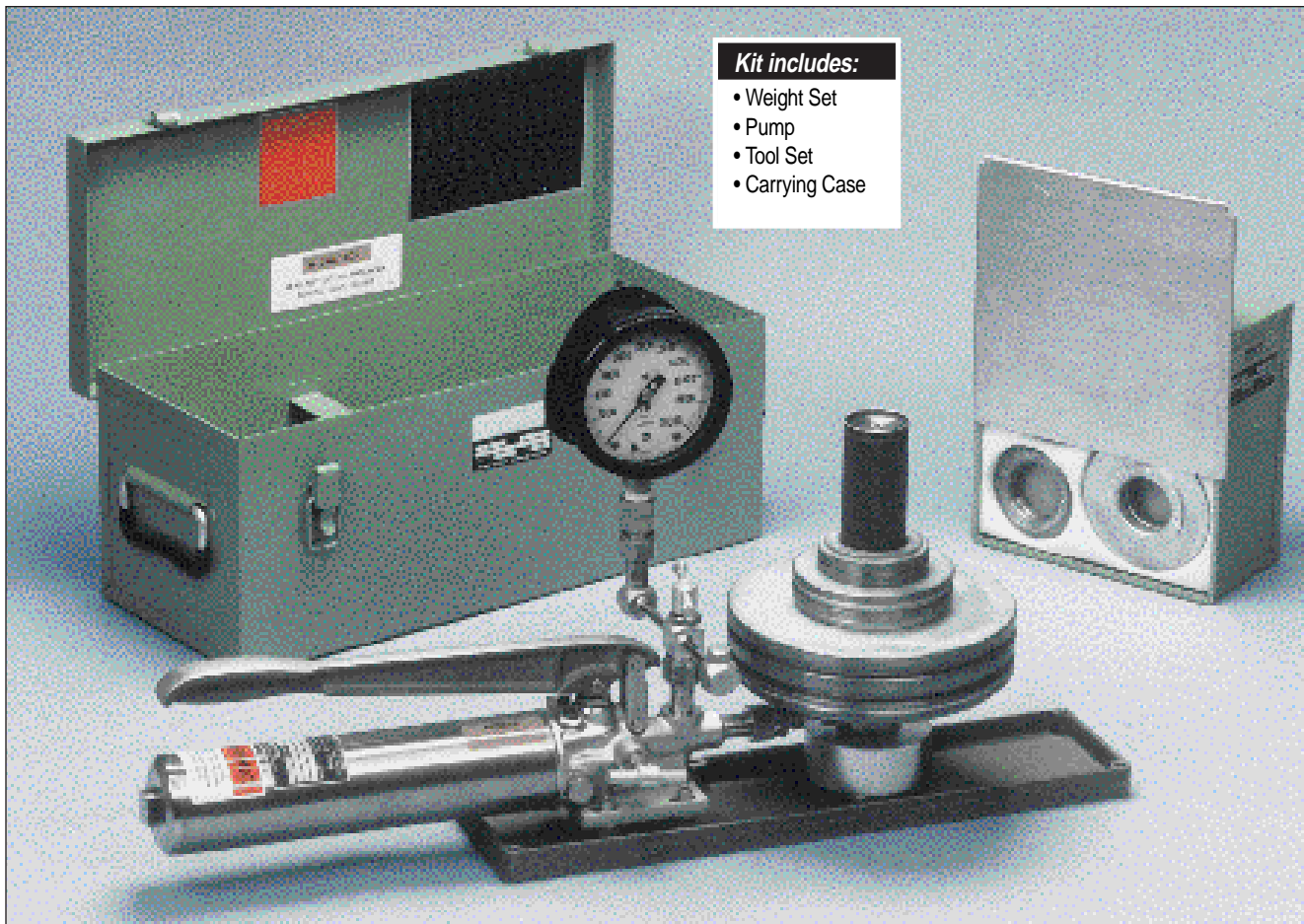


Hydraulic Deadweight Testers



Kit includes:

- Weight Set
- Pump
- Tool Set
- Carrying Case

These hydraulic deadweight testers offer superior accuracy for the calibration of gauges, recorders and indicators. The accuracy is $\pm 0.01\%$ of indicated value and is traceable to NIST.

Type T

For use with distilled water or other fluids compatible with 300 series stainless steel or monel. Suspended weights of a hard, non-magnetic die cast alloy.

SPECIFICATIONS	
Accuracy	Standard $\pm 0.1\%$ of indicated pressure traceable to NIST. Calibration to $\pm 0.025\%$ is available with data furnished certified traceable to NIST. Calibration data is determined by cross floating against a laboratory standard traceable to NIST.
Test Fluid	Type T-distilled water Type R-AAA tester oil
Operating Pressure	Type T-15,000 psi max. Type R-10,000 psi max.
Wetted Parts	Type T-300 series SS and Monel Type R-10,000 psi max.
O-Rings	Standard-Buna N; Optional-Viton®, EPT
Test Connections	Union type- $\frac{1}{4}$ " NPT, $\frac{1}{2}$ " NPT, $\frac{3}{8}$ "-20 UNF male and female)
Weights	Type T & R-Hard, non-magnetic cast alloy. Type TQ & RQ-forged brass; conforming to material requirements of NIST Class Q
Dimensions	Overall operating dimension-31 $\frac{1}{4}$ " long x 9" wide x 19 $\frac{3}{4}$ " high max.
Reservoir Capacity	75 cubic inches
Approximate Weight	Tester & Carrying Case: 50 lbs.
Weight Sets	#1: 55 lbs., #2: 110 lbs., #3: 165 lbs.

Type R

For use with oil as hydraulic fluid. Suspended weights of a hard, non-magnetic die cast alloy.

Features

- Hand operated hydraulic pump, with manual dual volume control valve, delivers high volume to rapidly build pressure and low volume for ease of pumping and a gradual approach to the point of calibration
- Suspended weights-suspended on a carrier tube to lower center of gravity and reduce side thrust on the measuring piston and cylinder assembly.
- Re-entrant type measuring piston and cylinder assembly-maintains accuracy as test pressures increase. Piston/cylinder assembly is completely enclosed in a unique column design, reducing the possibility of accidental damage
- Pressure vernier-Auxiliary screw type piston permits fine adjustment of pump pressure

ORDERING INFORMATION

Catalog No.	Model	Ranges	Increments
AM900990	Type T-50	100 to 500 psi 100 to 5000 psi	5 psi 50 psi
AM900991	Type R-50	100 to 500 psi 100 to 5000 psi	5 psi 50 psi
AM900992	Type T-100	100 to 1000 psi 100 to 10,000 psi	5 psi 50 psi
AM900993	Type R-100	100 to 10,000 psi 100 to 10,000 psi	5 psi 50 psi
AM900994	Type T-150	100 to 1500 psi 100 to 15,000 psi	5 psi 50 psi