Werner Industrial Pressure Test (Hand Operated)

Established 88

Werner Industrial Pressure Test

Accurate • Portable • Built for Industrial Reliability

The Werner Industrial Hand-Operated Pressure Test Unit is a compact, manual high-pressure testing system designed for precision pressure testing in industrial, workshop, and onsite environments.

Engineered for operators who require a simple, robust, and portable solution, this unit delivers accurate pressures up to 1 000 bar, suitable for both hydrostatic and functional pressure testing applications.

Constructed using lightweight aluminium, bronze, and stainless steel internal components, the Werner Hand Test Unit ensures excellent corrosion resistance, low maintenance, and long-term durability — all while remaining easy to move and operate in the field or workshop.

This is the ideal solution for boiler testing, valve testing, pressure vessel inspection, hose certification, pipelines, and fire extinguisher testing.

Application

- Boiler test
- Valve pressure tests and certification
- Pipeline integrity testing
- Fire extinguisher pressure testing
- General hydrostatic system verification
- Workshop component testing
- Onsite field testing where power is not available

Specifications

- Working Pressure: Up to 1 000 bar
- Construction:
  - Lightweight aluminium body
  - Stainless steel & bronze internals for long life and corrosion resistance
- Pressure Control:
  - Needle-type release valve, precision-machined from stainless steel and bronze
  - Provides fine manual pressure adjustment and safe depressurisation
- Fluids: Suitable for multiple fluids, including:
  - Water
  - Hydraulic oil
- Tank Capacity:
  - 20 L mild-steel tank
  - Powder-coated for corrosion resistance
- Standard Features:
  - 2 m high-pressure hose
  - Pressure gauge
  - Stainless-steel release valve
- These features create a simple, effective pressure-testing solution without the need for external power.

Technical Data

Model	Working Pressure (bar)	Plunger Diameter (mm)	Plunger Stroke (mm)	Volume per Stroke (ml)	Weight (Kg Nett)	Tank (Liter)
R-750/38	0-50	38	65	72	24	20
R-750/25	0-100	25	65	30	24	20
R-750/20	0-150	19	65	18	24	20
R-750/13	0-200	13	65	9	24	20
HP32/8	0-1000	8		28	35	60

Werner Industrial Pressure Test

Model Selection Guide

- R-750 Series: Best for low–medium pressure applications (boilers, valves, extinguisher testing).
- HP32/8: Ideal for high-pressure industrial testing, up to 1 000 bar.

Design & Operational Advantages

- No Power Required: Purely manual operation makes this the perfect solution for:
  - Remote sites
  - Workshops without 3-phase power
  - Mobile technicians
  - Emergency and maintenance teams
- Accurate Pressure Control: The needle-type stainless-steel release valve allows extremely fine pressure adjustments — ideal for critical testing.
- Durable Construction
  - Aluminium body: Lightweight, rust-resistant
  - Bronze and stainless internals: High strength and corrosion protection
  - Powder-coated steel tank: Long service life
- Multi-Fluid Capability: Compatible with:
  - Water
  - Hydraulic oil
  - Specialty testing fluids (on request)
- Easy to Transport and Use
  - Compact frame
  - Manual lever operation
  - Stable base plate
  - Lightweight for its pressure class

Optional Features (On Request)

- Enhance your testing capability with:
  - Longer hoses (5–10 m)
  - Calibrated & certified pressure gauges (100–150 mm dial)
  - Custom quick-coupling adaptors
  - Stainless-steel testing fittings
  - Protective casing or enclosure
  - Drain tray or spill protection kit

Safety Features

- Precision-machined needle release valve
- High-strength hoses rated to 2× working pressure
- Pressure gauge positioned for easy, safe reading
- Stable base and low centre of gravity
- Easy emergency depressurisation
- Optional HAZMAT or PPE kits

Get in touch

Established 88

For high-pressure testing equipment designed, built, and supported in South Africa, contact Werner Pumps for unmatched performance and after-sales service.

SHEQ NATIONAL CERT
Certified: ISO 9001 · ISO 14001

100% SA BUILT

Managing Director:

WERNER SOUTH AFRICA PUMPS & EQUIPMENT (PTY) LTD

Sebastian Werner

4-6 Edison Road, New Era,
Springs
Republic of South Africa
P.O. Box 11052
Selcourt, Springs, 1567

Tel: +27 (0) 11 362 6280
Fax: +27 (0) 11 362 6797
E-mail: sebastian@wernerpumps.com
Website: www.wernerpumps.com

Managing Director

Sales Manager:

WERNER SOUTH AFRICA PUMPS & EQUIPMENT (PTY) LTD

George Jolly

4-6 Edison Road, New Era,
Springs
Republic of South Africa
P.O. Box 11052
Selcourt, Springs, 1567

Cell: +27 (0) 79 898 6942
Tel: +27 (0) 11 362 6280
Fax: +27 (0) 11 362 6797
E-mail: george@wernerpumps.com
Website: www.wernerpumps.com

Sales Manager

Service Manager:

WERNER SOUTH AFRICA PUMPS & EQUIPMENT (PTY) LTD

Wouter Swanepoel

4-6 Edison Road, New Era,
Springs
Republic of South Africa
P.O. Box 11052
Selcourt, Springs, 1567

Cell: +27 (0) 82 556 8021
Tel: +27 (0) 11 362 6280
Fax: +27 (0) 11 362 6797
E-mail: wouter@wernerpumps.com
Website: www.wernerpumps.com

Service Manager