

WERNER



WERNER INDUSTRIAL PRESSURE TESTING (ELECTRIC)(45kW)



Established
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Precision • Safety • Proven Performance

The Werner Industrial Pressure Testing Unit (45 kW) is a compact, high-performance electric-driven test system designed for industrial, manufacturing, and maintenance environments where accuracy, reliability, and operator safety are critical.

Mounted on a portable trolley frame for easy manoeuvrability, this unit delivers adjustable pressures up to 1 000 bar, providing precise testing for pipelines, pressure vessels, fittings, and other high-pressure components. Built in South Africa, the Werner Electric Pressure Test Unit combines robust construction, efficient power transmission, and proven reliability for long-term service in harsh industrial conditions.

Frame and Construction

- Trolley-mounted design for easy movement and positioning.
- Pulley-driven transmission for smooth power transfer and reduced vibration.
- Compact, open-frame layout with protective cage and heavy-duty wheels.
- Designed for stability and simple on-site operation.
- Integrated lifting points for safe transport and workshop handling.

Power System

- 45 kW, 380 V Electric Motor for consistent power and low maintenance.
- Direct flex coupling control system – efficient, alignment-free transmission.
- Built for continuous-duty industrial applications.

Controls

- Direct-coupled control panel for motor start/stop and speed control.
- Pressure-regulating system for smooth, precise adjustment.
- Simple, rugged operator interface for quick setup and testing.

Technical Data

Model	L/min	Bar	Gal U. S	p.s.i	Kilowatt
P3.08-45	42-163	100	11-43	1450	45 kW
P3.10-32	21-82	250	5.5-22	3625	45 kW
P3.10-22	10-40	530	2.6-10	7690	45 kW
P3.10-16	5-20	1000	1.3-5.3	14500	45 kW

Applications

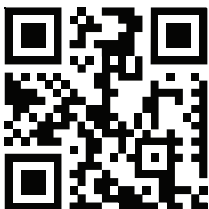
- Pipeline and valve testing (hydrostatic & pneumatic).
- Pressure vessel and hose proof testing.
- Industrial process component certification.
- High-pressure equipment maintenance and inspection.
- Research and product validation laboratories.

Safety Features

- Pressure-relief protection on all high-pressure circuits.
- Emergency shut-off for motor and pump systems.
- Glycerine-filled pressure gauges for vibration-resistant readings.
- Electrical overload protection integrated into the control system.
- Optional canopy enclosure for noise suppression and weather protection.

Advantages

- Compact, powerful, and portable – ideal for workshop or field testing.
- Electric drive ensures low operating costs and clean operation.
- Fully serviceable with locally available Werner components.
- Precise pressure control with repeatable, accurate results.
- Designed for long service life and dependable performance.



Get in touch

For precision industrial pressure-testing equipment designed and built in South Africa, contact Werner South Africa Pumps & Equipment (Pty) Ltd — your trusted partner in pressure and performance.



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Certified: ISO 9001 · ISO 14001



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SA BUILT

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