



TB-E1200-4 TEST BENCH

Durst Auto Electrical Test Bench is fast, easy, and accurate. Tests alternators and starter motors. Reliable, automotive equipment made in Australia.



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Features:

- **Rotation:** Fully Reversible, Clockwise & Anti-clockwise
- **Speed Control:** Fingertip dial, Controls Forward and Reverse from panel.
- **Meters:** Panel Meters are precision Double Sprung Jewel, moving coil movement with Anti-Static clear lenses with built in a zero-correction calibration screw.
- **Tachometer:** Precision Calibrated meter displays Forward and reverse speed using sensitive Tacho Impulse Pick up.
- **Voltmeter:** Clear Meter scale reads RPM and Voltmeter will indicate the precise Voltage.
- **Ammeter:** A heavy duty shunt is built into the Test bench and three ammeter scales are easily selected.
- **Field Terminals:** Switchable 'A' Circuit and 'B' Circuit Field warning lights.
- **Belt Drive:** A combination Polly Vee Pulley and "V" section covers a comprehensive range of today's Alternators and Generators.
- **Side Platform:** Easy to operate acme thread feed screw with crank handle, allows fast and positive belt tensioning.
- **Quick Clamp:** The clamp is a quick and efficient way of clamping alternators without distorting the casings. Different size Pegs are supplied to suit a range of Alternators and the adjustable mechanical ratchet clamping levers lock the machined side to the hexagonal bar.
- **Starter Clamp:** Robust universal "V" clamp holds generators and starters
- **Isolation Switch:** An easily positioned ON/OFF Mains power switch and circuit breaker are fitted.
- **Emergency Switch:** An emergency switch shuts the Test Bench Down



- **Battery Isolation:** Key switch isolates the batteries and sliding bus bar switch changes the Voltage.
- **Construction:** The Test Bench is Free standing Powder coated zinc steel frame with built in accessory shelf and battery compartment.
- **Australian Standards:** Conforms to **ASI360 Part 11 (1980)**

Performance:

- **DC Capacity:** Tests systems **6 – 12 – 24** Volt as Standard
- **Voltage:** **415Volt 50 Hz** Three Phase
- **Drive Motor:** Australian made **4.0kw** Heavy Duty Fan Cooled
- **Test Starters to 1500 Amps**
- **Variable Speed 5000 – 0 – 5000 RPM**
- **Test Alternators and generators to 2.64kw**
(220 Amps @ 12V and 110 @ 24V)
- **Meters switched between 0 – 10 Volt, 0 – 20 Volt, 0 – 50 Volt**
- **Ammeter scales selected between 10 – 0 – 10 Amps**
- **Diode Meter reads center scale 3 – 0 – 3 Amps DC**
- **Regulator Meter reads 0 – 20 Volts DC and 0 – 40 Volts DC**

Uses:

- **Suitable for Automotive. Marine, Defence, Councils, TAFE**

Physical and dimensional Properties:

- Each Unit Weighs approximately **150.0 Kg** – in crate 165Kg
- Width 850 mm – in Crate 920 mm
- Depth 780 mm – in Crate 1000 mm
- Height 1450 mm – in Crate 1600 mm

Accessories:

- **TB – 667 (Durst Carbon Pile Rheostat) Attached with bench.**
- **Battery Leads x 3**
- **LS – 150 x 1, LS – 151 x 3, LS – 152 x 3, LS – 153 x 1**
- **LS – 611B x 1, LS – 611R**