



Data Sheet

TB-E600DLX Industrial Test Bench Deluxe

ALTERNATOR / STARTER MOTOR



SYDNEY AUSTRALIA
DESIGNED & MADE



Durst Industries (Aust.) Pty Ltd.
1/11 Packard Ave. Castle Hill
NSW 2154 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 while digital display reads speed Three meter scales provide easy reading
- ▶ **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 todays 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 method 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. Saves Time as Alternators are Fitted Quickly.
- ▶ **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:** a Sliding bus bar switch isolates the Batteries
- ▶ **Construction:** The Test Bench is Free standing Powder coated zinc steel frame with built in accessory shelf and battery compartment.
- ▶ **Australian Standards:** Conforms to AS1360 Part11 (1980)

Physical and Dimensional Properties

- ▶ Each unit weighs approximately 140.0 Kg – in Crate 155Kg
- ▶ Width 850 mm – in Crate 920 mm
- ▶ Depth 780 mm – in Crate 1000 mm
- ▶ Height 1450 mm – in Crate 1600 mm
- ▶ Power Lead 3m Long
- ▶ Battery Leads 3 B&S Cable
- ▶ 1 x LS-150 = Lead Set 1mm² Yellow Flex - 900mm Long – Alligator Clip
- ▶ 3 x LS-151 = Lead Set 1mm² Red Flex - 900mm Long – Alligator Clip
- ▶ 3 x LS-152 = Lead Set 1mm² Black Flex - 900mm Long – Alligator Clip
- ▶ 1 x LS-153 = Lead Set 1mm² Green Flex - 900mm Long – Alligator Clip
- ▶ 1 x LS-611B = Lead Set 10mm² Cable - 1.0m Long – 100 Amp Clamp
- ▶ 1 x LS-611R = Lead Set 10mm² Cable - 1.0m Long – 100 Amp Clamp

Performance

- ▶ DC Capacity: Tests systems 6 -12 -24 Volt as Standard
- ▶ Voltage: 240Volt 50 Hz Single Phase
- ▶ Drive Motor: Australian made 2.2Kw Low Current
- ▶ Test Starters to 500Amps
- ▶ Variable Speed 5000-0-5000 RPM
- ▶ Test Alternators and Generators to 1.44Kw
- ▶ (120 Amp at 12 Volt and 60 Amp at 24 Volt)
- ▶ Meters switched between 0-10Volt, 0-20Volt and 0-50 Volt
- ▶ Ammeter scales selected between 10-0-50Amps, 20-0-100 Amps and 100- 0-500Amps
- ▶ Diode Meter reads centre scale 3-0-3 Amps DC
- ▶ Regulator Meter reads 0-18 Volts DC



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Uses

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

Documentation

- ▶ Bar Code Number: 9346080000181
- ▶ Product Specification Manual - PS 82
- ▶ Work Instruction Manual-WI 82
- ▶ Product Costing Manual-PC 82
- ▶ Operating Instructions-INS 17



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