



# Durst

## DATASHEET

### TB-E600DLX

### Alternator & Starter Motor Test Bench



  
SYDNEY AUSTRALIA  
DESIGNED & MADE

**Durst**

Durst Industries (Aust.) Pty Ltd.  
1/11 Packard Ave. Castle Hill NSW 2154  
Australia

 [DURST.COM.AU](http://DURST.COM.AU)  
 [SALES@DURST.COM.AU](mailto:SALES@DURST.COM.AU)  
 INTL +61 2 9660 1755



## 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.



## **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 500 Amps
- Variable Speed 5000 – 0 – 5000 RPM
- Test Alternators and generators to 1.44kw  
(120 Amps @ 12V and 60 @ 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 – 18Volts DC

## **PHYSICAL AND DIMENSIONAL PROPERTIES**

- Each unit weighs approximately 140Kg - in crate 155 Kg
- Width 850 mm - in crate 920mm
- Length 780 mm - in crate 1000mm
- Height 1450 mm - in crate 1600mm

## **Accessories**

- TB-667 - DURST Carbon Pile Rheostat attached with bench.
- Battery Leads x 3
- LS-150 X 1 = Lead Set 1mm<sup>2</sup> Yellow Flex - 900mm Long – Alligator Clip
- LS-151 X 3 = Lead Set 1mm<sup>2</sup> Red Flex - 900mm Long – Alligator Clip
- LS-152 X 3 = Lead Set 1mm<sup>2</sup> Black Flex - 900mm Long – Alligator Clip
- LS-153 X 1 = Lead Set 1mm<sup>2</sup> Green Flex - 900mm Long – Alligator Clip
- LS-611B X 1 = Lead Set 10mm<sup>2</sup> Cable - 1.0m Long – 100 Amp Clamp
- LS-611R X 1 = Lead Set 10mm<sup>2</sup> Cable - 1.0m Long – 100 Amp Clamp

## **USES**

- Perfect for Industries: Mining, Transport, Automotive, Emergency Services, Fleet Maintenance, Workshops, Defence