



# ATB700

## ALTERNATOR TEST BENCH

**Low cost efficient electrical test bench for fleet owners, cars, LDV's etc.**

Battery cables outlets right hand side of bench  
Easy transportable normal door entry (bench top model)

Working area covered with a rubber mat

Bench fully isolated from battery poles

Starter test free run

Full set of test leads



**UNIT DIMENSIONS H x W x D 520 x 990 x 830**

### AC POWER SOURCE

Voltage: 220 Volt AC

Phases: 1 Phase

Frequency: 50 Hertz

Power consumption: 2.2 KW

Mains switch: 1 pole 16A MCB

Mains lead: 5 meter 1.5 sq

3 Wire with earth & neutral

### DIODE TEST

Test Voltage 99 V pp

Green LED: good

Red LED: Faulty

### BATTERY VOLTAGE SELECTOR

Range: select 12 or 24 V

### EXTERNAL VOLTMETER

Selected digital only

### FIELD CURRENT SUPPLY

Voltage range: 13.8 V fixed

Current range: 0-5 A variable

Meter: 0 - 10 Amperes Analog only

### BATTERY VOLTAGE

Range: 0-30 Volt Analog only

Digital selectable

### ALTERNATOR FAULT LAMPS

12 or 24 volt

### SOLENOID VOLTAGE

Manual push button operating a solenoid with overload

MCB 32 A Range: 12 or 24 V

### INDICATING INSTRUMENTS

Measurements done: analog with digital voltmeter

display units: Analog 109 x 66 Digital 4 digit 96 x 48

With range voltage 99.99

### DRIVE SYSTEM

Rotation: REV OFF FWD Rotary switch.. Motor 2.2 KW high torque

Motor pulley: accommodate V and

flat belts diameter: 120 mm

Belt driven with tension lever

### ALTERNATOR OUTPUT CURRENT

0- 100 A Analog and digital

simultaneous. With normal and

reverse selector switch

### DC POWER SOURCE

2 x 12 volt 50 Amp/Hr Batteries (not supplied)

Battery shelf with cables fitted with post

connectors for easy installation.

### BATTERY LOAD TESTER & STARTER CURRENT

( FREE RUN)

Manual selected:

Dinse socket & plug

Range: 0-250A 0- 500A

With normal and reverse

selector switch

### REGULATOR TEST

6 wire D plug with harness

Range: 12/24 Volt: Test most

new generation regulators

Meter: 0-30Volt Analog and

digital simultaneous

### ALTERNATOR OUTPUT CURRENT

Range: 0-100 Amperes

**ALTERNATOR LOAD**  
20 Block 500 amp carbon  
pile variable unit

### VOLTAGE SELECTOR

Range: 12 or 24 V

**DESIGNED AND MANUFACTURED IN SOUTH AFRICA**

Appearance And specifications listed in this brochure are subject to change without notice