



## TOTAL PERFORMANCE TESTING FOR ALTERNATORS & STARTER MOTORS

### Description

The BAES Auto Electrical Test Bench is a table model and has been designed to cater to the needs of Auto Electricians, Garages, Services Centers, Transport Corporations, Educational Institutions and other bulk users of Auto Electrical Equipments, for complete testing of Alternator, Regulator and their associated parts. It also has a built-in D.C. Power Supply to check Free-run of Starter Motors.

This user-friendly, hi-tech test bench is divided into two sections :-

- 1) For testing Alternators
- 2) For testing Starter Motors

### Instrumentation

Alternator Output Current	Digital Panel Meter 0 - 200 Amps
Alternator Output Voltage	Digital Panel Meter 0 - 200 Volts
Starter Current	Digital Panel Meter 0 - 200 Amps
Starter Voltage	Digital Panel Meter 0 - 200 Volts

### Drive

3 H.P. 2.2 KW Three Phase Motor with 2 Step Pulley

Overload protected with circuit breaker.

Features	
Inbuilt DC Power Supply	150 Amps 12 V / 24 V
Power Requirement	400V Three phase 50 Hz. 4 wire load 2.2 KW.
Vice	Heavy duty Fast mounting vice for Alternators and Starters Maximum dia of device under test 175 mm.
Easy Transportation	Bench top model
Regulator Tester 12 or 24 V	
Fixed 12 / 24 V 5 Amp field supply	
Alternator Warning Light 12 / 24 V	
Alternator Load	12 V – Max 125 A                      24 V – Max 70 A
Starter Test Free Run (on built-in DC supply-no battery required)	
Full set of test leads	
Working area covered with a rubber mat	
Separate digital meters for Alternator & Starter Tests	
A 110 V series lamp for insulation test.	

Dimensions	
Height	520 mm
Width	870 mm
Depth	720 mm
Table working Area	W – 570 mm x 360 mm.
Weight	120 Kgs.

