

MAE-VBT VALVE BODY TESTER

Mustang Advanced Engineering's Valve Body Tester, MAE-VBT, is the most advanced valve body tester in the industry. With many additional features, this unit will simulate operating conditions more accurately and precisely than any other system in the marketplace.

The MAE-VBT can reduce rebuilding labor time for mechanical valve bodies by helping adjust shift points prior to installing the valve body. Accurate adjustments can be made to full throttle upshifts, downshifts and closed throttle upshifts and downshifts.

Mustang software will allow precise adjustments to the shift pattern or schedules.

The MAE-VBT has the following standard features:

- Touch screen controls
- Electronic shift control
- Regulated hydraulic pressure
- Motorized rotation of the governor
- Customize shift schedules
- Control frequency from 15 Hz to 50.5 KHz.
Most other systems only control frequency to 2KHz. Newer solenoids require 5-6 KHz.
- Reads the current with 10 bit resolution, which is four times better resolution than an 8 bit system.
- No bending to load or unload valve bodies
- Easily Calibrated
- Existing plates from other suppliers can be used
- No oil line exists

The MAE-VBT can be equipped with electronic controls to test Allison Generation 4 1000/2000 series and 3000/4000 series valve bodies.

Governors can be tested by using an optional adapter plate.



PRODUCT SPECIFICATIONS:

- 8 gpm @ 1000 psi
- Manual gear selector and hydraulic modulator control
- Temperature controlled test oil
- 10 gallon reservoir- low oil cut-off switch and heating element
- 16 industrial grade, pressure Transducers
- Governor pressure regulator valve
- Structural steel, free standing cabinet
- Fast adapter model changeover offers precision repeatability
- Modulated lock-up and hold regulator
- Independent governor test capability (optional)
- Valve body and separator plate can be tested as one unit

POWER:

- 230 V, single phase, 50/60 Hz

GAUGES:

- 16 Pressure Transducers
- 1 Temperature Sensor
- 1 Flow Sensor

GOVERNOR TESTING:

- Governor Test System with Digital Tachometer and Programmable Speed Control (0-4000 RPM)
- Digital tachometer displays output shaft speed accuracy to +/- 2 RPM

OPTIONS:

- Automatic clamping system for high through-put testing
- Make adapter to use existing plates from other manufacturers

ADVANTAGES:




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