



HT-VBT DELUXE

Valve Body Test System

We are proud to say that Hydra-Test has become associated around the world as the brand that means the most advanced Transmission test equipment. When you need high quality Valve body testing equipment, you need Hydra-Test. Our quality equipment has been used worldwide for over 20 years.

Constant support

Free on-site or in-house training

Online support and connection to your machine - for advice and service

Pre-written test scenarios and complementary development master data for all adapter plates

Most effective data processing and operation

Top precision with the Industry's cutting edge HTC-K™ Controller

Ease of use with HTC-K™ Data Acquisition and Analysis software

Ability to capture data from the complete Valve Body or components

Simple management of master and test data files

Advanced components

"Hot Tray" system for accurate heating with dual temperature monitoring

High pressure pump capable for CVT testing

Electronic proportional system pressure valve

Electronic gate valve for repeatable oil volume supply

Convenient handling

Quick fit adapter plate hose connection

Valve Body ATF saving drain cabinet and bolt-on shelves

Industrial touch screen monitor

The VBT System can also test Solenoids with an adapter plate and test blocks

HT-SOL

Solenoid Test System

Our HT-SOL machine is a tool used for checking the electrical and hydraulic condition of solenoids. We design and manufacture a growing list of test blocks for solenoids making it possible to test the most popular makes on the present-day market.



Constant support

Free in-house training

Online support and connection to your machine - for advice and service

Pre-written test scenarios and complementary development master data for all test blocks

Most effective data processing and operation

Top precision with a LOW COST version of our HTC-K™ Controller

Ease of use with HTC-K™ Data Acquisition and Analysis software

Advanced level of testing solenoids

Fast high temperature testing of individual solenoids

Pre-programmed Laptop available to complete a "plug n' play" package

Built-in Ammeter and Gauges for use in Manual mode testing

Convenient handling

Quick fit adapter plate hose connection

Used as a bench top machine

Solenoids test blocks can be fitted in the HT-VBT unit through the inexpensive Adapter plate to test individual Solenoids with a single tool

HTC-K™

Data acquisition controller and software



The Hydra-Test Controller functions as the "brain" of the entire system. Its accuracy and stability now make our system a complete and reliable package HTC-K™ Controller and software provides precise and easy to analyse graphics.

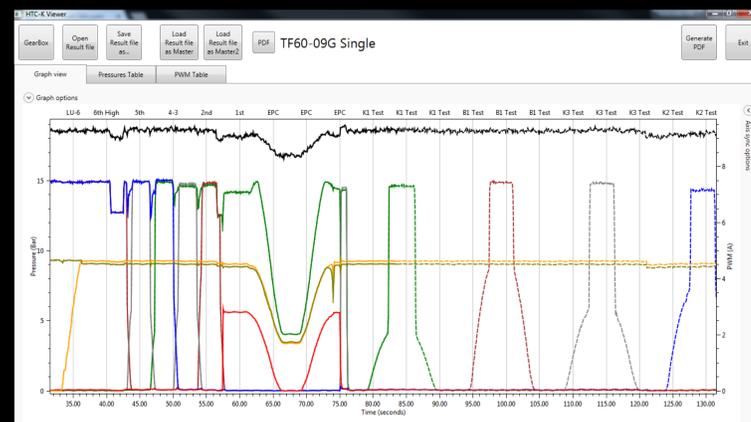


16 Channel Input – 16 Channel Output designed for VBT & Dyno testing,

8 Channel Input – 8 Channel Output designed for Solenoid testing is available for 50% price.

HTC-K Controller newest features introduced with the Daq system

Improved test accuracy



Full and individual Solenoid frequency (Hz) control

Our very own designed "Easy Limits" data analysis calculator feature included

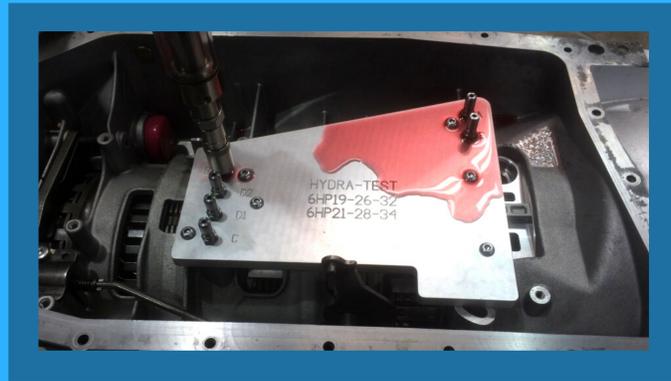
"Live View" feature for all Gauges and Solenoid functions to enable fine adjustments

A genuinely easy file management and storage feature built in

Additional Master Data view feature added to help analyse individual circuit performance

HT-2000

Automatic Transmission Test Unit



This is a favourite tool of so many customers. Described by some as the "must have" tool for all transmission rebuild shops. By flow checking individual clutch circuits within the transmission unit, damaged seals or even piston cracks can be detected. The system is so portable it can be performed anywhere in your workshop.



The portable Hydra-Test HT-2000 unit allows Automatic Transmission specialists to test the hydraulic integrity of the individual gearbox components. The test can be performed after rebuild or even in the car prior to transmission removal.

With a simple connection, clutch and band operation can be diagnosed. Bench testing the transmission unit can save valuable time by reducing unnecessary installation and removal of the automatic gearbox from the vehicle.

To identify Transmission Leaks a low cost test plate is attached to the transmission. Then using the flow meter, the operator performs a test to indicate the amount of leakage at the piston or servo seals. With that, a pass / fail condition can be determined.

Adapter plates are available for various models:
FORD, CHRYSLER, AISIN, MERCEDES, VW, GM, ZF,
Renault / Peugeot / Citroen, Nissan / Toyota / Mitsubishi.

Adapter test plates and test blocks

For HT-VBT, HT-SOL and HT-2000

Adapter plates improvements and features:

- "Easy fit" design for simple mounting on the machine
- Supported by comprehensive connection charts in PDF format
- Designed for high temperature testing

Solenoid test blocks features:

- Available with connection charts for reference at any time
- Universal connector kit included with the machine
- Dedicated connectors included with the test blocks when required

