

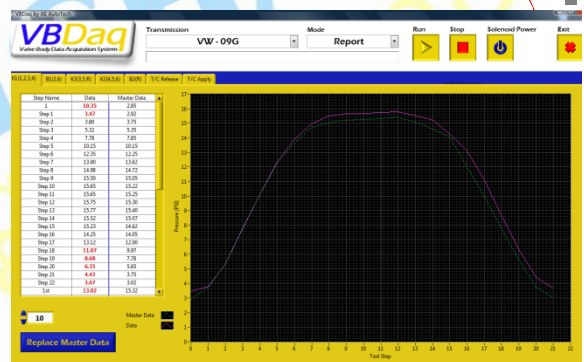
Valve body technology has moved on rapidly over the last few years and testing technology has had to move with it. For many years the Hydra-Test machine, when coupled to a basic electronic solenoid control system, has been essential for rebuilders but it became clear that valve bodies now work to a tighter tolerance and require much more sophisticated control.

Hydra-Test needed a control system to match this advancement in technology and VBDaq was the answer. VBDaq was developed initially to calibrate the SL solenoids of the 55-50 valve body (standard analogue gauges proving not accurate enough) and with this ability for fine calibration and adjustment quickly developed into full valve body testing. The VBDaq programme compiles all the data from a pre-written test into a detailed and adaptable report which can also be used as a diagnostic tool by the operator. The new VBDaq offers much more flexibility to the operator which is essential for accurate diagnosis and testing of all valve bodies found in today's vehicles. The functions of the programme are as follows:

- Solenoid Test (This scans the solenoids against pre-recorded ampere figures)
- Manual Control (This gives the operator the ability to change gears, control line pressure and lock up application)
- Auto Cycle (This function replicates what is set during Manual Control to cycle continuously to check for degradation over time)
- VBDaq (This is the fully automated test which has a sophisticated pre-written test pattern)

- Report (This is where all the VBDaq data (individual clutch pressures over test step) is collated into an easy to understand format)

What makes VBDaq unique to the world of testing valve bodies is it is, in essence, a "Plug and Play" system where a large percentage of the work has been done for the operator, leaving only a small amount of interpretation necessary to fully test and diagnose your valve body.



VBDaq has brought accurate valve body testing up to the present day and beyond