



## Model: CVTB

Primarily designed for testing a variety of control valves from 1/2" up to 24" nominal bore. The horizontal operating quick clamping system allows the valve to be secured and adjusted in a stable position. The test bench allows the control valve in combination with any actuator, positioner to be adjusted prior to installation. Ideal for pre-installation inspection approval and or checks

### Valve Bore Size

1/2" up to 24" / DN 15 up to DN 600mm bore

### Valve Types

Linear, wafer, camflex control valves with flange / thread and weld end process connections.

### Test mediums

Water/3% transparent coolant Nitrate free mix.

Pneumatic via local air supply or Nitrogen gas bottle.

### Seat Leakage Measurement System

Absolute readings in bubbles, cc/min, scfm/min, ml/min etc  
Seat leakage is measured using a Kellogg Bubble tester.

### Control System

Simple system for quick and safe operation allowing the operator to easily monitor and control the test. Accurate analogue or digital readings. Incorporating the high pressure supply and storage system.

### Testing Standards

Test procedure and allowable seat leakage as described in ANSI/FCI 70-2

### Safety

All units incorporate an emergency stop button

### Sealing Rings

Bespoke metal sealing rings with encapsulated "O" rings which allow the test to be completed without damage to the seating faces.

### Kellogg Bubble Tester

For recording Seat leakage tests, supplied complete with safety flange and digital readout

### Mobile Unit

The modular design allows a variety of different builds. This allows the test bench to be moved local to the test valve and tested on plant thus reducing down time.

## VVC CHECK VALVE TEST BENCH



### Valve clamping system

Pneumatic via local air supply or Nitrogen gas bottle. A unique design of hydraulic clamping system which allows the test valve to be quickly and safely clamped in the horizontal position at both ends.



### Test reports

RS 232 link to allow connection to computer for registration of the test results.

Software provided to enable report/certificates to be produced for quality assurance traceability

