



BCV, BCVA, IGVA Flow Divider Test Stand

DESCRIPTION

The basic functions of the **CEL Model 50201** BCV, BCVA, IGVA, Flow Divider Test Stand are :

- ✓ provide a flow of calibration fluid through an electro-hydraulic actuator for pre-determined regulated pressures
- ✓ verify the actuator / valve response to electric actuation
- ✓ read hydraulic and air flow, actuator shaft positions and time response and ensure the whole system reliability

The Test Stand is divided in two parts. The instrumentation / electric unit (on top) contains the electric supply and electronic required devices (oscilloscope, LVDT, multimeter, power supply and an Hipot-tester),

The hydraulic unit (below) provides the hydraulic calibration fluid and air supply and instrumentation. On the right side of the test stand, behind a Plexiglas shield is located a fuel pan, holding the Unit Under Test (UUT) and providing the hydraulic interconnection as well as the waste fluid bottle. The test stand interconnections (air and water) are located below the fuel pan.

Upon request, the BCV, BCVA, IGVA, Flow Divider Test Stand can be equipped with a DAS (Data Acquisition System).

The **CEL Model 50201** Test Stand is **CE** (European Conformity) compliant.



Typical BCV, BCVA, IGVA, Flow Divider Test Stand