

Description:

Vibracoustics Ltd CAL Air Mountings provide excellent vibration isolation at low frequencies. A system of Air mountings will consist of three masters plus an appropriate number of slaves to support the equipment. The CAL mounting range are produced in three sizes and offer many advantages over conventional suspensions including:

- Mount frequencies down to 1.7 Hz for 'T' versions.
- Automatic re-levelling with shifting C. of G.
- Special damping for rapid settling and stability.
- Resumes pre-set height after air supply interruption.
- Precision valves for height control to +/-0.005mm.
- Aluminium body with stove enamelled finish.
- Three sizes support 250kg to 6000kg/mount.
- Suitable for systems 500kg to over 100 tonnes.
- Deal for protecting sensitive equipment.
- Heavy duty 'HD' base versions available.
- Commissioned systems require only routine inspection.



Typical Applications Include:

- Inspection and calibration equipment.
- High precision machine tools.
- Specialised isolated foundations.
- Environmental test equipment.
- Sensitive optical and laboratory apparatus.
- Generator installations (HD version).

Description of Main Components:



Master Mounts

Each master unit incorporates a control valve for load sensing and height control. The self levelling design automatically compensates for a shifting centre of gravity, something conventional mounts are unable to do.



Slave Mounts

Working pressures and lifting capacities are identical to the master units.



Control Cabinet

Complete with regulator, filter and water separator, the cabinet contains four pressure gauges to indicate supply and individual master unit working pressures.

Inspection Equipment

High precision inspection / measuring equipment.

