

hydraulic testing

of engineering components

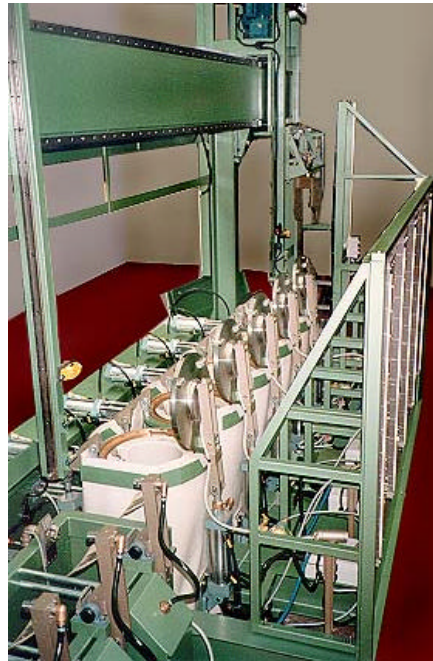


Burst Test

Destruction testing aluminium gas bottles which need to withstand pressures of up to 1000 bar. The test was achieved safely by pressurising with water whilst the cylinder is contained within a water jacket. The water is pumped into the cylinder and the pressure then monitored for any change.

Pressure and Permanent Set Test

This unit allows automatic pressure testing of gas cylinders to BS and DOT standards. The system includes automatic weighing, filling, testing to 500 bar with expansion measurement, and full mechanical handling for up to 180 cylinders per hr. Results are displayed on an inspectors VDU and logged onto a central computer.



Compressor Testing

This is a typical self contained production line test unit. This model is for the flow and pressure testing of refrigerant compressors. These units feature automatic pressure control, data logging and results printout. They are also fitted with quick connectors and sliding guards for ease of use.



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