

All aspects of gas engineering and installations including:

Suppliers and manufacturers of gas control equipment

Gas systems installations

Laboratory installations

Gas mixing and blending panels

High pressure filling manifolds

Gas detection systems

Orbital welded systems

All electrical work included zoned areas

PLC programmed systems

Installation of vacuum lines

Servicing and repair of vacuum pumps

Servicing and repair of gas pumps

Preventative Maintenance Schedules arranged

Cryogenic pump and vaporizer installations

Cryogenic pump repairs

Autoclave installations

Cylinder preparation ovens

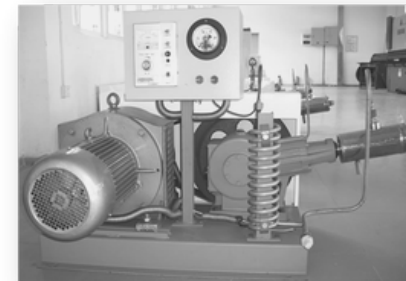
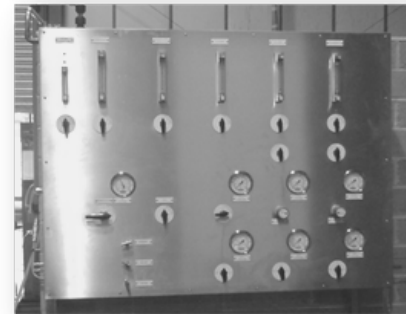
Cylinder rolling machines

Cylinder storage cages built to customer's requirements

Audit of gas installations available

Written Schemes of examination

CAD drawings of systems



GASCHEM
CONSULTANCY



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Gaschem is built on first class workmanship and dedication to my clients. I am an approved contractor to several major industrial manufacturers, gas producers, research facilities and laboratories throughout the UK, Europe and the Middle East.

I supply expertise in all aspects of manufacture and installation of bulk, pipe and cylinder applications for the control of gases and liquids, catering for small laboratory installations through to major plant installations, as well as manufacturing of gas equipment, including cylinder preparation and mixing panels for the gravimetric gas mixing market.

I also offer training on our equipment and for the gas gravimetric mixing panels along with specialist preventative maintenance services, electrical and mechanical manufacture and installation.

I work to the highest standards. Wherever applicable, my work meets with the British compressed gas association (BCGA) codes of practice, the Pressure Equipment directive (The UK adoption of PED is The Pressure Equipment Regulations 1999) and the Pressure systems Safety Regulations 2000. As and where required, written schemes of examination, material certification and pressure test certification are supplied.



We manufacture none refillable cylinder filling panels which clamp the cylinders vertical and filled behind protective screens for the safety of the operator.

Our manual and fully automated PLC controlled ovens, for single cylinder and bundle thermal evacuation, reduce moisture within the cylinders.



We manufacture multiple gas filling and mixing panels for multicomponent gas mixtures.



We specialize in orbital welded installations using electro polished tube with VCR valves and fittings.



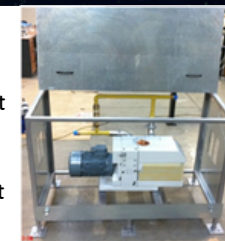
We manufacture 300 bar working pressure manifolds in various materials to suit customer's requirements. We also manufacture oxygen clean manifolds and equipment.



We carry out laboratory installations in all pipe sizes and materials including electro polished stainless steel, orbital welded and compression.



We supply a full range of vacuum pumps to suit customer's requirements, whether they need just a roughing pump or very high vacuum, complete with accessories such aspirani sensors, digital readout and coalescer pots.



We manufacture and carry a large stock of BS, DIN and CGA cylinder connectors and adapters in both brass and stainless steel and various gaskets and washers.



We supply a wide range of equipment including regulators, hoses, gauges, flow meters, pipe fittings and tube.



We manufacture cylinder clamp and valve machines, which are air driven and have a torque of up to 450 Nm, complete with a pneumatic panel which allows you to set the torque setting you require, eliminating the possibility of damaging threads in cylinders.



We supply scales for gravimetric mixing of gases to high standard.



We manufacture cylinder roller machines, from one cylinder to four cylinders, to mix multicomponent gas mixtures and more importantly to blend flammable gases with inert gases to ensure the mixture does not become flammable.

