



RESATO OIL- AND GAS FIELD EQUIPMENT

WELL HEAD CONTROL UNITS

BOP CONTROL UNITS

ESD PANELS

HYDRAULIC TEST UNITS

GAS TEST UNITS

CHEMICAL INJECTION UNITS



AVAILABLE IN ATEX VERSION

RESATO OIL- AND GAS FIELD EQUIPMENT

RESATO TEST AND CONTROL EQUIPMENT IN AN OIL & GAS PRODUCTION ENVIRONMENT

Oil and gas production in a safe way!

During continuous oil and gas production operations, reliable wellhead control, and, in many cases chemical injection units are absolutely crucial.

Resato offers you just that: a high standard of equipment designed for an oil & gas field environment, meeting the latest technical specifications with a sharp eye on environmental & personal safety.

Over the years Resato Test & Control equipment has become famous throughout the world for its reliability and longevity. Add to this supreme ease of maintenance and ready availability of spare parts.

RESATO TEST AND CONTROL EQUIPMENT IN A MAINTENANCE ENVIRONMENT

With a wide range of Resato high pressure portable and workshop test units you are able to test, prove and operate your systems. Companies involved in manufacturing and maintaining oil and gas production equipment know only too well the importance placed on the safety and reliability of their services. Resato high pressure equipment allows them to finish the job with:

- quality
- reliability
- accuracy
- longevity
- easy and low cost maintenance

ATEX

As an option, Resato oil- and gas field equipment can be delivered in a version that comply with ATEX 94/9/EC. The user of the unit is responsible for classifying the area of use, while identifying the equipment category is the responsibility of the manufacturer. The Resato units are ATEX approved for Group II, category 2 zones G & D.

WELLHEAD CONTROL UNITS (DHSV / MV / WV / BOP / SB / ESD)

These robust control units are designed to control: down hole safety valves, master valves, wing valves, blow out preventers, stuffing boxes. These units can be provided with: chemical injection line, grease line, testing line, emergency shut down, low air pressure and low hydraulic alarm, hose reels provided with jumper hose or wet centers.



Single well control unit



Portable BOP control unit

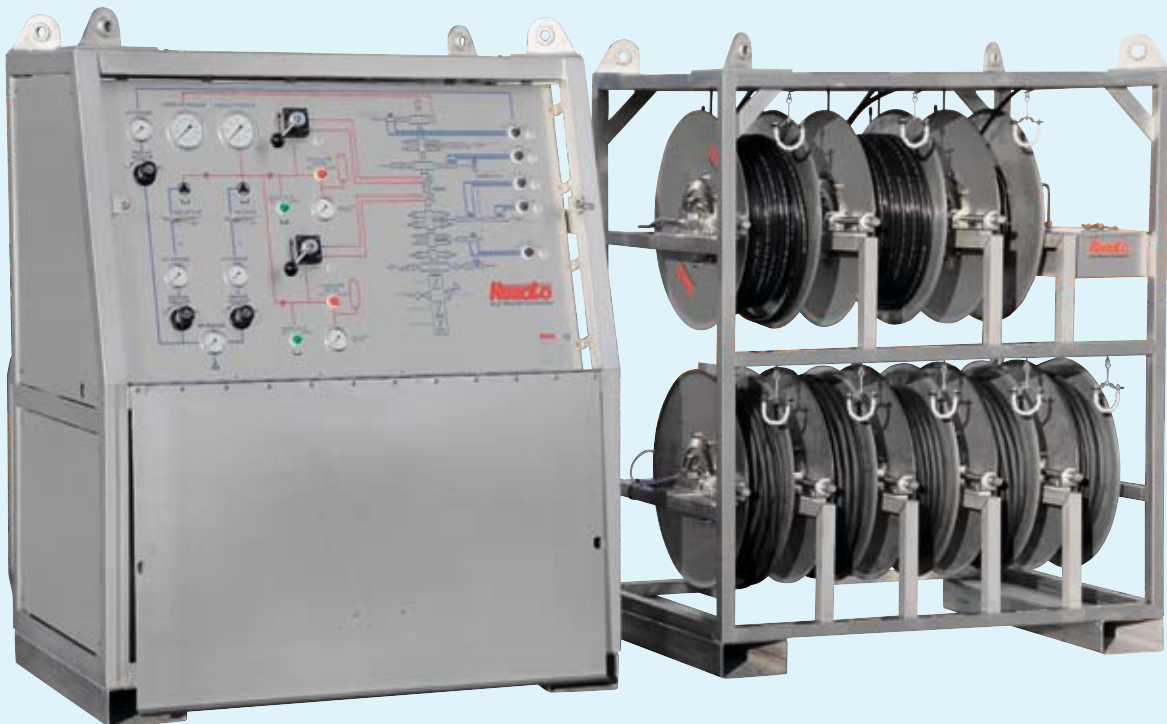
WELLHEAD CONTROL UNITS (DHSV / MV / WV / BOP / SB / ESD)



Multi line wellhead control unit



Multi line BOP control unit



Combined wellhead control unit on customer demands

HYDRAULIC TEST UNITS (RANGES 10,000 / 20,000 / 30,000 / 40,000 PSI)

These units are excellent for testing completions, accumulators, cylinders, valves, bodies, vessels, piping. Suitable for various media such as: water, oil, oceanic oil, glycol, methanol.



Mobile high flow high pressure dual pump test unit. Also available with one heavy duty high flow, high pressure pump, see page 6.



Portable hydraulic test unit



Workshop test unit



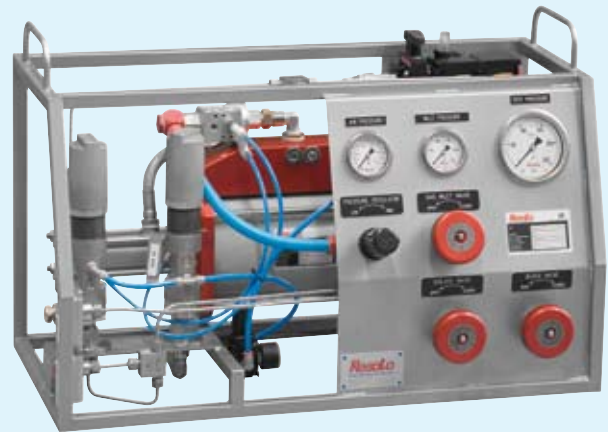
Computer controlled workshop test unit.
Separated version also available.

GAS TEST UNITS (RANGES 5,000 / 10,000 / 20,000 PSI)

These extremely safe units are specially designed for testing completions, accumulators, valves, bodies, vessels, piping, filling or refilling of gas bottles, bottle batteries and pressure vessels. Suitable for various media such as: Nitrogen, Helium, Argon, Oxygen, Hydrogen.



Portable gas booster test unit



Portable gas booster (full options)



Workshop gas booster test unit



Mobile multi gas booster test unit

CHEMICAL INJECTION UNITS

These units are suitable for injecting chemicals, for example to prevent hydrate formation.



Mobile high pressure injection unit



Portable high pressure injection unit



Mobile high flow high pressure injection unit

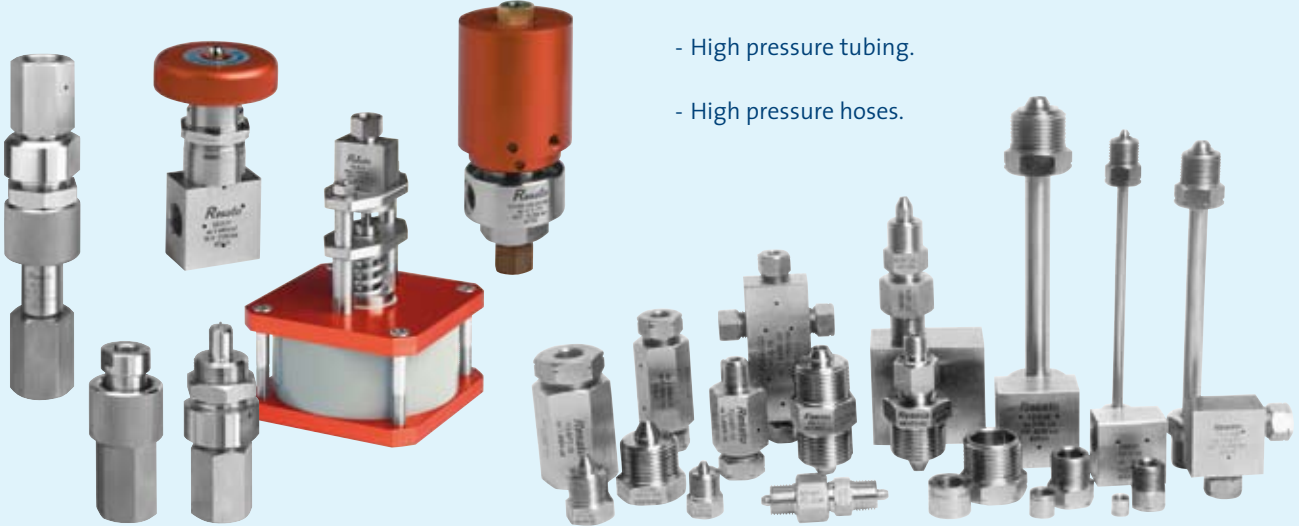


Mobile multi pump injection unit

HIGH PRESSURE VALVES, FITTINGS AND TUBING UP TO 200,000 PSI

The Resato components are made of high quality stainless steel materials. The combination of high pressure and large orifices lead to excellent flow capacity performance. These components are used to connect high pressure pump units with the objects to be tested or controlled in a safe way. These components are also available for H2S service, Nace MR-01-75, including 3.1.b certificates.

- Hand operated needle valves.
- Air operated needle valves.
- Check valves, rupture discs, quick connectors.
- High pressure fittings.
- High pressure tubing.
- High pressure hoses.



MECHANICAL AND ELECTRONIC MEASURING EQUIPMENT UP TO 150,000 PSI

Resato pressure/temperature recorders and gauges are made of stainless steel, supplied with calibration certificates.

- 6" or 8" portable pressure recorders.
- 4" or 6" gauges.
- Pressure transmitters.
- PC data acquisition and recording system.



EXAMPLES OF RESATO HIGH PRESSURE COMPONENTS UP TO 14,000 BAR

Air-driven pumps and gas boosters
Hydraulically-driven pumps and gas boosters
Fittings
General-purpose valves
Check valves
Swivels
Hoses
Tubing
Pressure transducers
Rupture-disc safety devices
Quick connectors

EXAMPLES OF RESATO HIGH PRESSURE EQUIPMENT AND SYSTEMS

Portable pressure-test systems
Test equipment for hoses (safety) valves, fittings etc.
Computer-controlled high pressure test equipment
Autofrettage systems
Autoclaves
Custom-made test equipment
Water-jet cutting systems
High pressure food preservation systems
PC data acquisition and recording systems



COMPANY PROFILE RESATO

Founded in 1985, Resato International B.V. is wholly specialized in the design and manufacture of high pressure components and systems for pressures of up to 14,000 bar (200,000 psi). At our modern manufacturing plant in Roden, The Netherlands, we have our own engineering and R&D departments as well as sophisticated production facilities. These enable us to furnish precisely the right component or system a client may need.

RESATO INTERNATIONAL BV



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Please note that general data and specifications given in this brochure are subject to change without notice.
Feel free to contact our sales department if you need more definite information.