

KTIB



KASPIAN TEHLUKESIZLIK BALTALARI

COMPANY OVERVIEW

2024

A black and white photograph of an offshore oil and gas platform in the ocean. The platform is a complex of steel structures, including pipes, ladders, and cranes, supported by a network of legs. The sky is overcast, and the water is dark. Two bright green diagonal lines cross the image from the top left to the bottom right. The text is overlaid on the left side of the image.

KTIB was established in 2005 in Baku (Azerbaijan). Currently KTIB performs Integrated Projects in countries of Eurasia & Middle East (incl. Russia & CIS). KTIB is committed to provide full range of services in Oil & Gas industry.

KITB LLC is Official Distributor of Resato International B.V. in Azerbaijan since 2009

Resato is one of the world's leading manufacturers of High Pressure components and systems, with pressures up to 14,000 bar / 200,000 psi.

We supply Well head control, BOP control, Hydraulic test, Gas test, Chemical injection units.

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.

We supply separated components like gauge, recorder, transducer, fitting, adapter, tubing, hand/air operated valve, hydraulic pumps, gas boosters.



K T I B HIGH PRESSURE TEST UNIT

Resato HIGH PRESSURE TECHNOLOGY



Components



Pumps/Boosters



Systems
&
Solutions

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HIGH PRESSURE TEST UNIT

Resato

HIGH PRESSURE
TECHNOLOGY

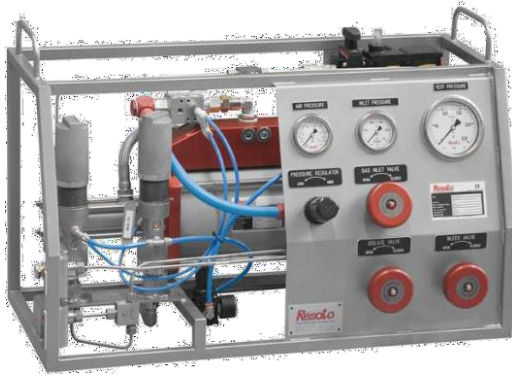
Resato pressure test systems designed for Oil & Gas applications

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HIGH PRESSURE TEST UNIT

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HIGH PRESSURE
TECHNOLOGY



Gas test systems

- High pilot valve
- Low pilot valve
- Single/dual stage booster



Hydraulic & Hydrostatic test systems

- Recording options
- Isolate valve
- Single/dual acting pump



Hydrostatic test systems

- Mechanical/digital recorder
- Dual pump setup
- Engraved operating panel

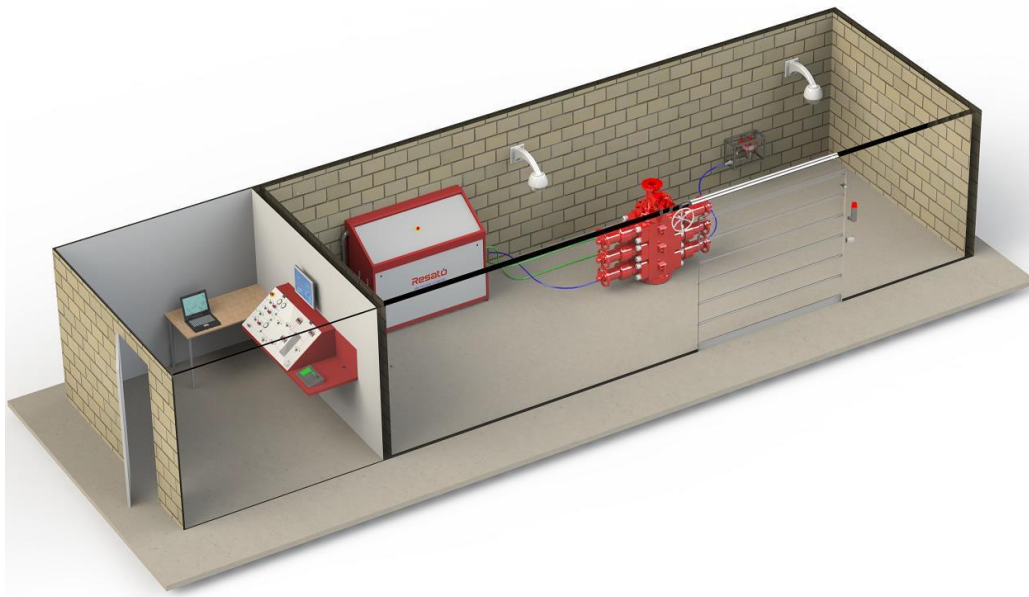
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HIGH PRESSURE TEST UNIT

Resato

HIGH PRESSURE
TECHNOLOGY

Workshop HPU separated test systems



Designed for maximum safety

- Separated solution
(no high pressure components in control room)
- Remotely de-airing
(test bay entrance up to 300 psi.)
- Door safety system
- Multifunctional testing
(both hydrostatic body tests & hydraulic function tests)

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HIGH PRESSURE TEST UNIT



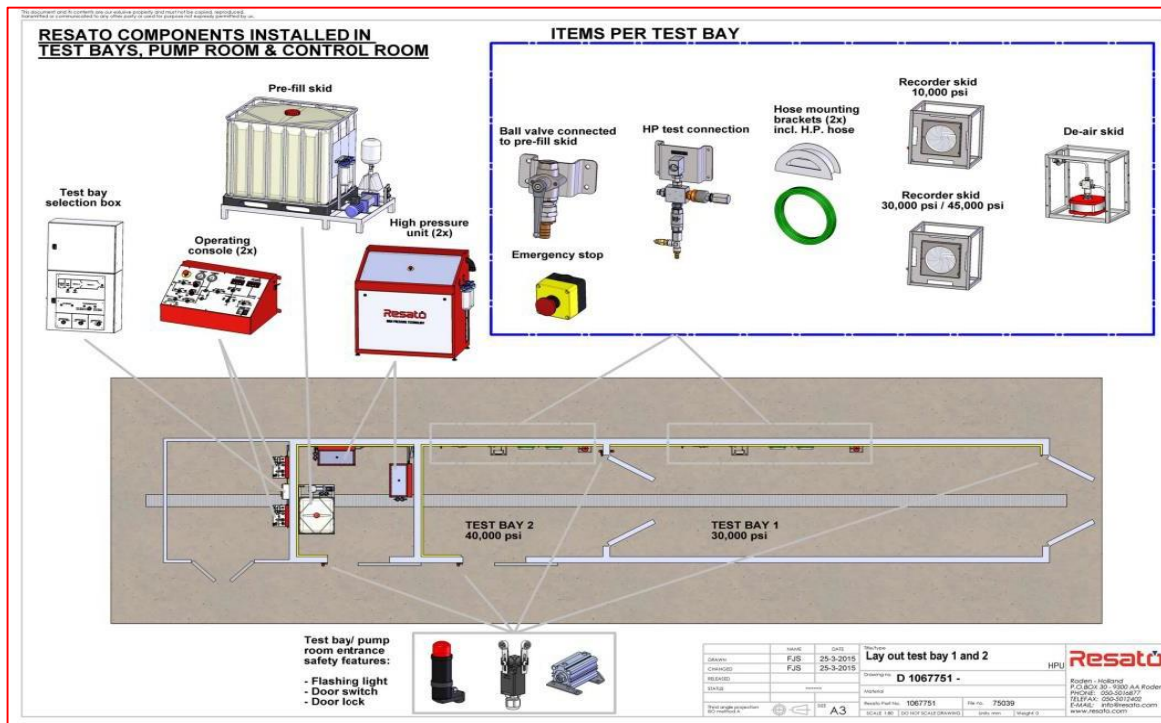
HIGH PRESSURE
TECHNOLOGY

Workshop HPU separated test systems

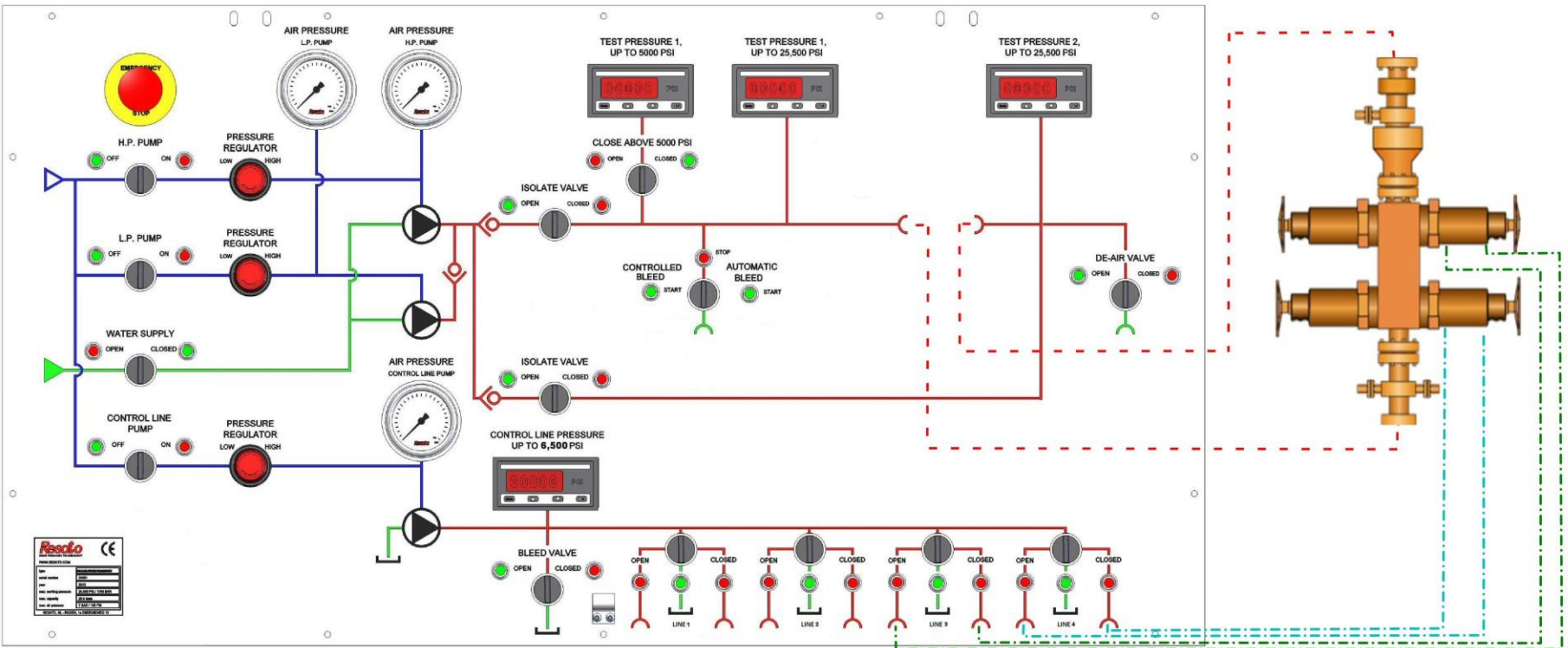


Computer Controlled

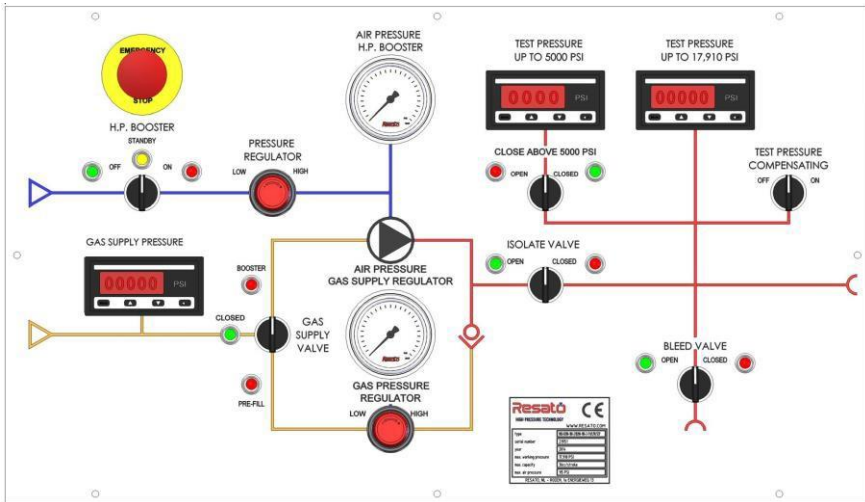
Workshop HPU separated test systems



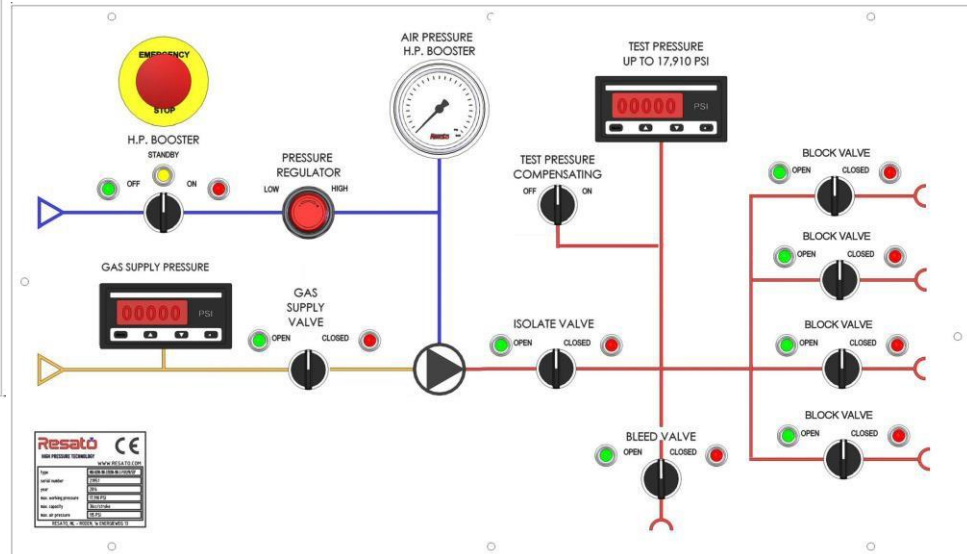
Workshop HPU hydraulic separated test systems



Workshop HBU separated gas test systems



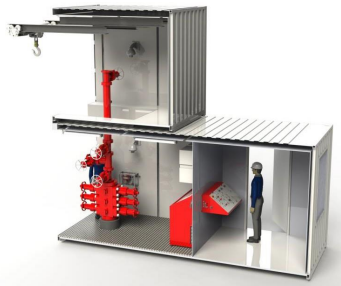
Gas supply bypass feature



Multiple test lines

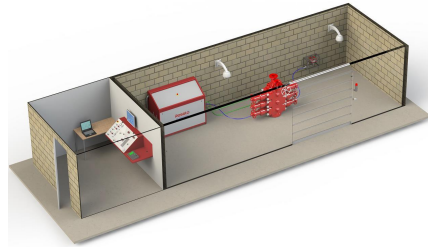
Workshop test system solutions

Containerized
pressure test bay

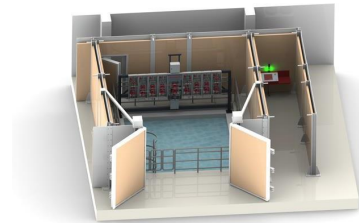
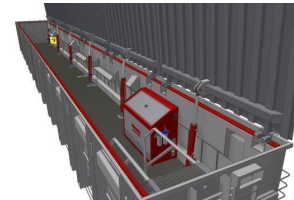
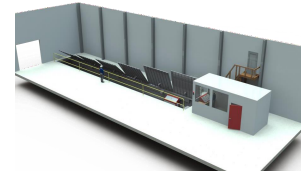


Wireline - CT

Fixed
pressure test bay



Inground
pressure test bay



Small
pressure test bay



Completions

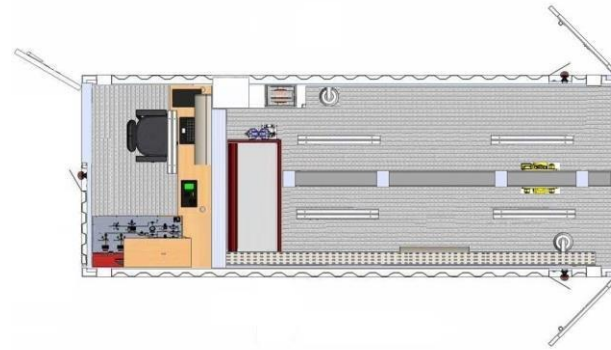
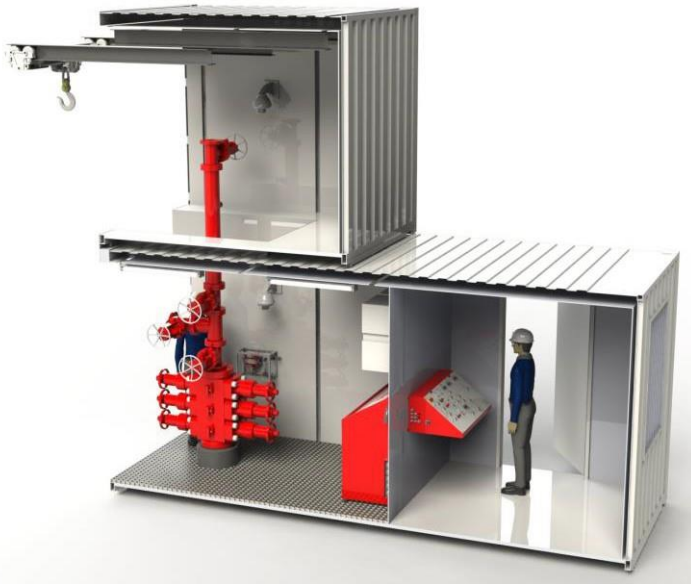
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Workshop test systems - containerized test bay



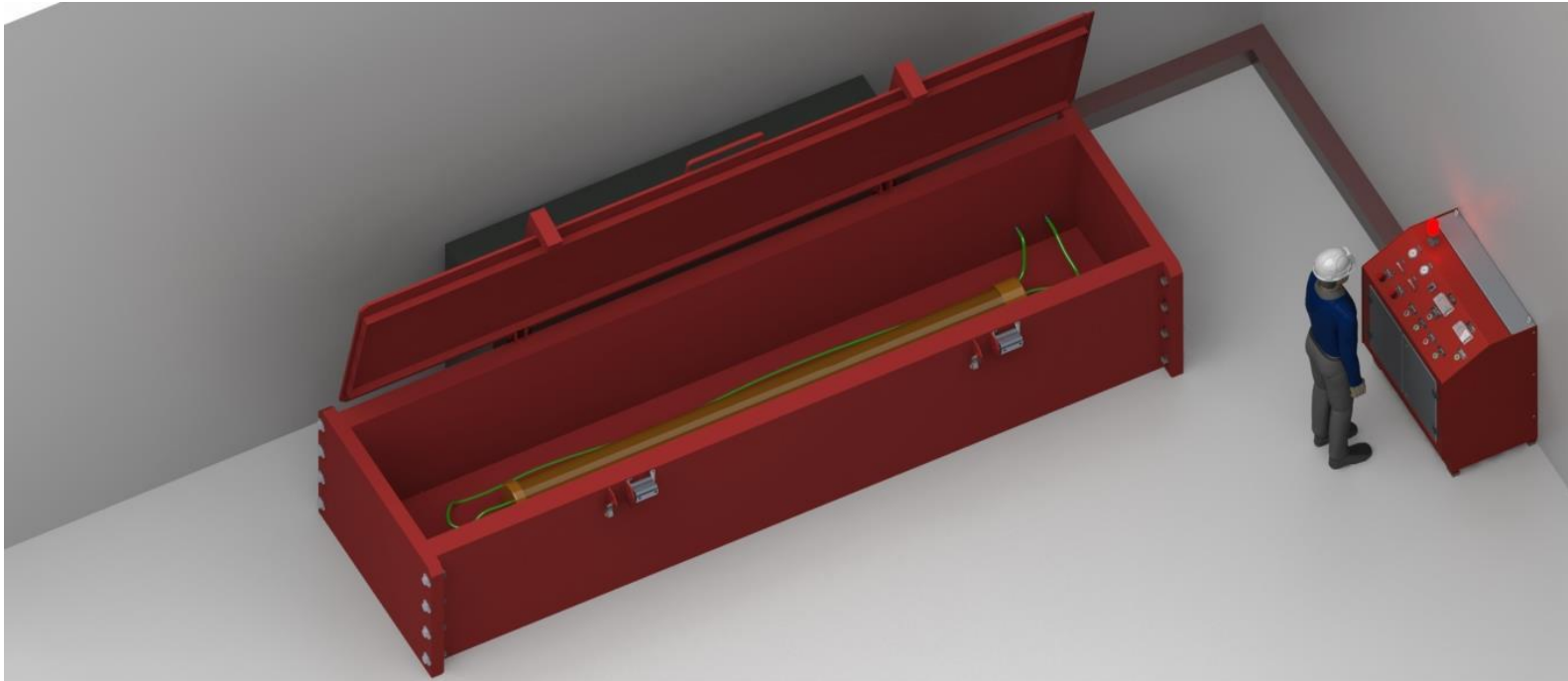
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Workshop test systems - Test box



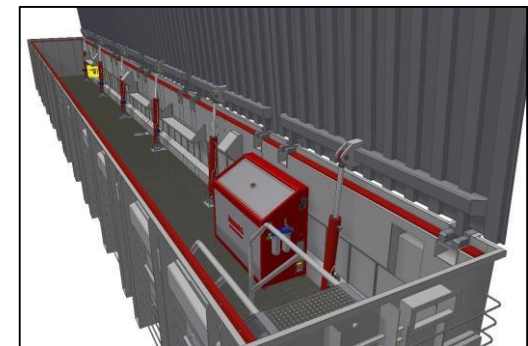
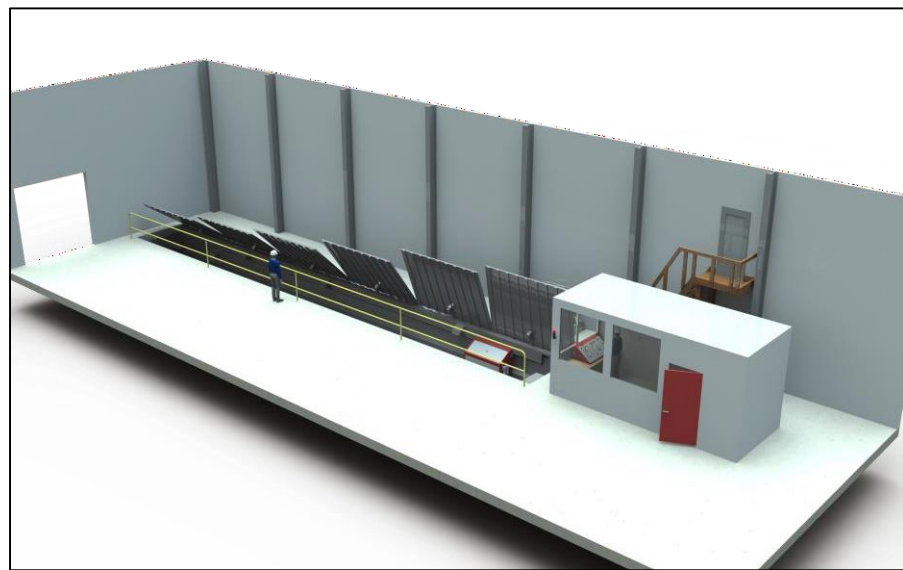
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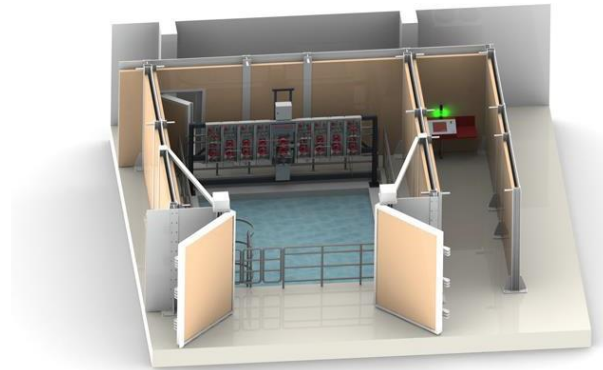
Workshop test systems – covered in-ground test bay



Workshop test systems – Gas test pool

Computer controlled gas workshop test units.

- Fully automated test sequence
- Electro hydraulic driven high performance solution



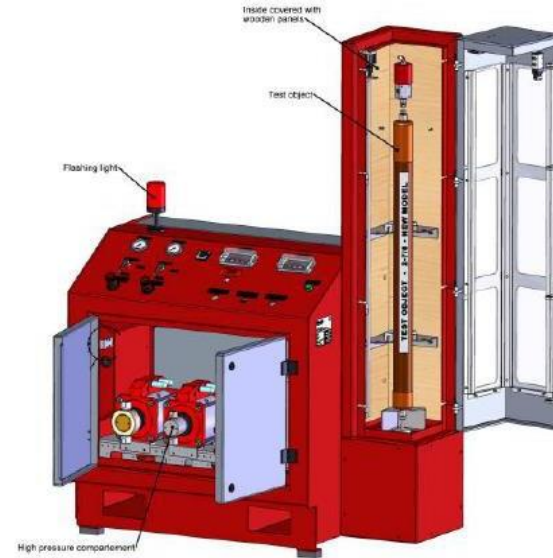
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TECHNOLOGY

Workshop test systems - Downhole tool tester (Small scale pressure test bay)



RCR Hardware – Interface

RCR – USB



- USB connection transmitter USB mini B socket
- Titanium Alloy wetted parts
- Including 2 meter USB cable (IP 65 rated)
- USB 1.1 & 2.0 full speed connection
- Power supply 5 Vdc via USB bus
- Operating System Windows 7 or higher

Specifications:

- Transmitter including Resato software
- USB connection to laptop / PC
- No need for I/O interface
- Build in temperature monitoring
- Plug and play solution



Object data:

Description: Demo Test
 Part no.: Obj09876
 Serial no.: 12345
 Working pressure: 6000
 Test pressure: 6000
 Burst pressure: 10000
 Inner diameter: 5 mm
 Length: 340
 Extra information: RCR Demo

Comments:
 Certificate can be printed and saved in PDF

Test certificate number: 14

Contact information:

Contact: High Pressure Sales
 Company name: Resato International B.V.
 Address 1: Duitlandse 1
 Address 2:
 City: Assen
 State/Province/Region: Drenthe
 Post/zip code: 9403DL
 Country: Netherlands

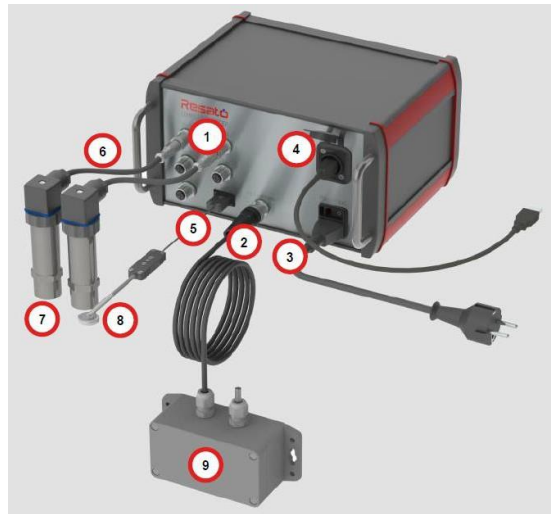
Graph:

Test data:	Unit	Start	End	Delta	Min	Max
Channel 1	Bar	00:00:11	00:00:21	00:00:09	5793	6002

Test start: 23-09-2016 09:41:22
 Test end: 23-09-2016 09:42:00
 Device serial number: H14444
 Tested by: H14444
 User: Admin

Signature:

RCR Hardware – Interface



1. Pressure transmitter input
2. Ambient temperature input
3. Power switch & connection
4. USB connection
5. Optional object temperature input
6. Optional pressure transmitter cable
7. Optional pressure transmitter
8. Optional ambient temperature sensor

RCR 610 EV (basic RCR)

Code	Type
V, A or M	Input (Voltage, Ampere or Mixed)
E	External recorder
(1-2)	Number of object or medium temp. sensors
(1-2)	Number of ambient temp. sensors
(6-12)	Number of analog inputs
RCR	Type Code

Object data:
 Description: Demo Test
 Part no.: Object9876
 Serial no.: 12349
 Working pressure: 6000
 Test pressure: 6000
 Burst pressure: 10000
 Inner diameter: 5 mm
 Length: 340
 Extra information: RCR Demo

Comments:
 Certificate can be printed and saved in PDF

Test certificate
 Certificate number: 14

Contact information:
 Contact: High Pressure Sales
 Company name: Resato International B.V.
 Address 1: Dutslandaan 1
 Address 2:
 City: Assen
 State/Province/Region: Drenthe
 Post/zip code: 9403DL
 Country: Netherlands

Graph:

Channel	Unit	Start	End	Delta	Min	Max
Channel 1	Bar	00:00:11 5988	00:00:21 5793	-195	5793	6002

Test start: 23-09-2016 09:41:22
 Test end: 23-09-2016 09:42:00
 Device serial number:
 Tested by: Herwald Admin

Signature:

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HIGH PRESSURE TEST UNIT

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TECHNOLOGY

Resato Oil and Gas systems Control Panels & Chemical Injection

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TECHNOLOGY



Single line control panel

- High pilot valve
- Low pilot valve
- Manual override



Wellhead / BOP control panels

- Recording options
- Certified lifting pads
- ATEX



Multi line control panel

- Accumulator backup
- DNV Certified crash frame
- Hose reels



Portable injection systems

- Double acting pump
- Stroke counter
- Timer



Mobile injection systems

- Stainless steel (tank)
- Lifting pads
- Wide range of chemical resistance



Multi pump injection systems

- Main and backup pumps
- Offshore certified crash frame
- Hose reels

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HIGH PRESSURE TEST UNIT

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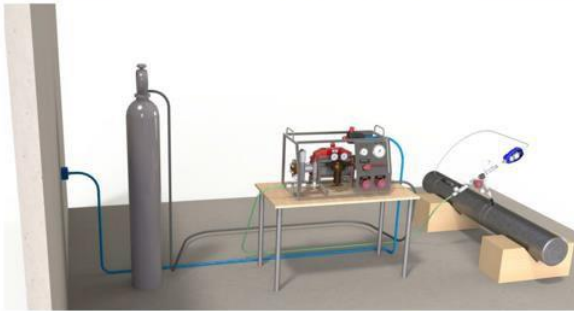
HIGH PRESSURE
TECHNOLOGY

Resato customized and support systems

Manual operated N2 charging system



N2 charging and bleeding unit with measuring manifold, unit type: DBS160-30-115/D/I/HP/IPR/SK2



Fully automated N2 charging system



Formation Isolation Valve (FIV) charging unit
type FIV-10.000/E fully automated



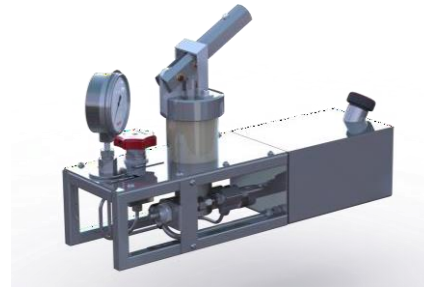
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TECHNOLOGY

SCSSV (Surface Controlled Sub Surface Safety Valve) test kit



CUP70 Portable calibration unit 40 – 7.000 bar

Features:

- Electronic control of the calibration process by use of a laptop
- Automatic generation of calibration certificates
- UPS (uninterruptible power supply)
- Data storage on laptop
- Storage cabinet for transmitters

Specifications:

- Calibration range: 40 - 7.000 bar
- Calibration according to ISO/IEC 17025
- Weight of suitcase aprox. 30Kg



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HIGH PRESSURE TEST UNIT

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Workshop and Manufacturing plant Projects

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HIGH PRESSURE TEST UNIT

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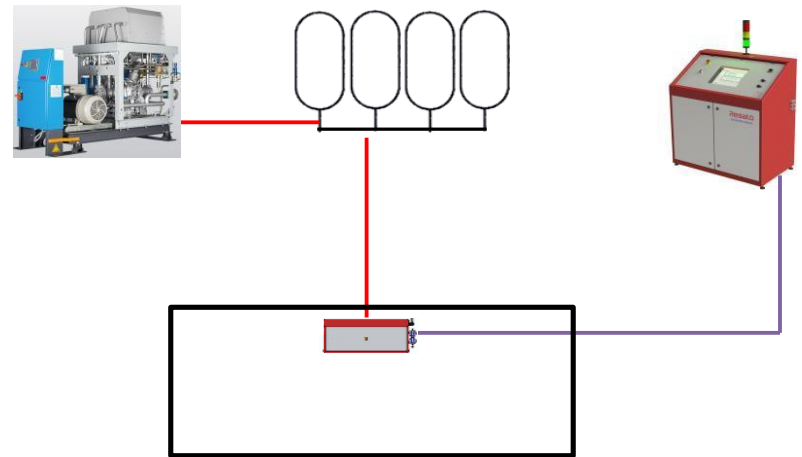
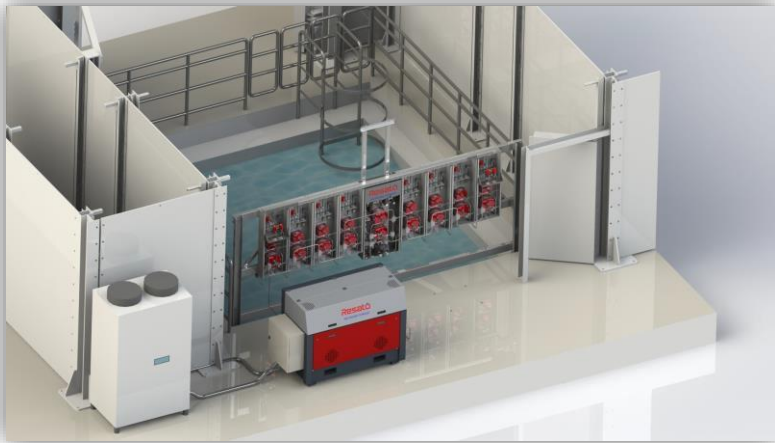
HIGH PRESSURE
TECHNOLOGY

Computer controlled hydrostatic workshop test units.
• Fully automated test sequence

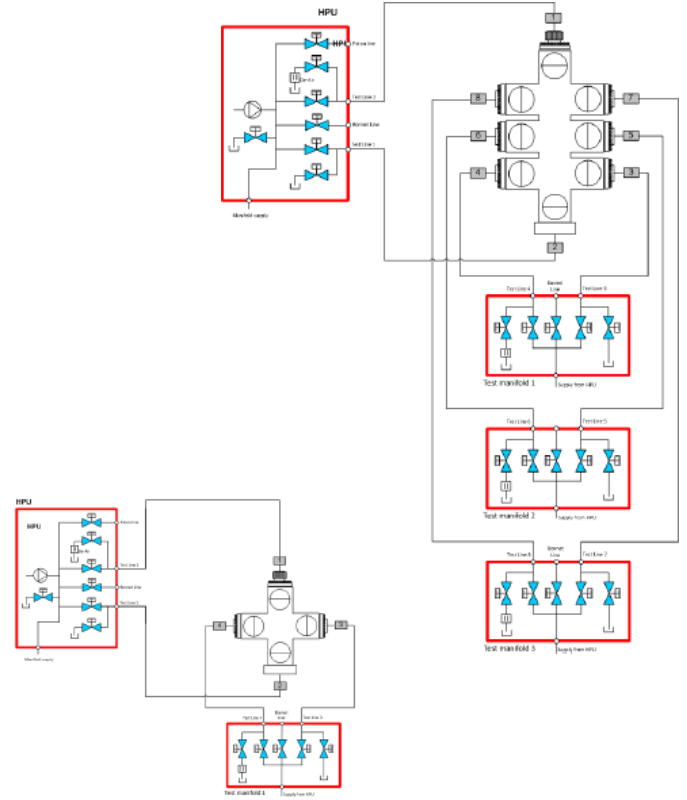
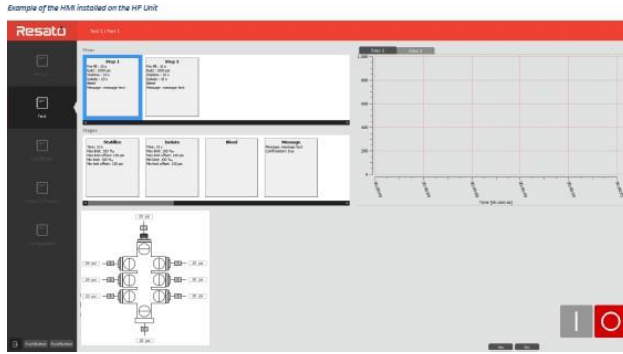


Computer controlled gas workshop test units

- Fully automated test sequence
- Electro hydraulic driven high performance solution



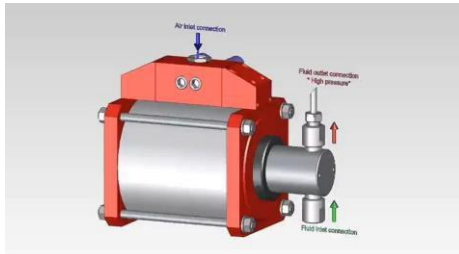
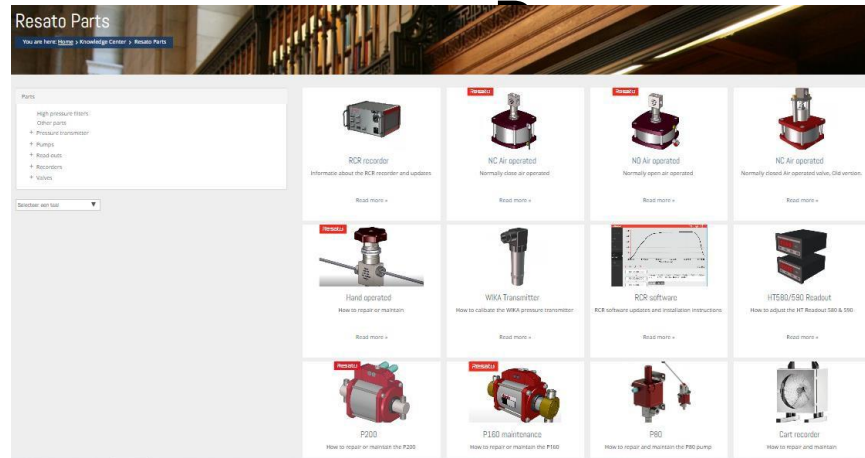
Software



Service – Knowledge

Resato knowledge base

- System manuals
- FAQ's
- Product updates
- Instruction videos



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HIGH PRESSURE TEST UNIT

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HIGH PRESSURE
TECHNOLOGY

Resato pressure test systems designed for hose test and other
object applications

Hose & Object testing

SLU Hose test unit

- Test pressure up to 3.650 bar / 50,000 psi
- Ergonomic operating panel
- Low noise level
- Easy maintenance
- Standardized design



Hose & Object testing

HPU & RTC

Testing of hoses in integrated test cabinet

Available in 3 pressure ranges:

- 2000 bar
- 4000 bar
- 6000 bar



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HIGH PRESSURE TEST UNIT

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HIGH PRESSURE
TECHNOLOGY

Object Testing

HPU & RTC1500

Testing of hoses on pallets and other large objects

Available in manual operated and computer controlled setup

Available pressure ranges:

- 2000 bar
- 4000 bar
- 6000 bar



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Resato HIGH PRESSURE TECHNOLOGY

Hose & Object testing

Every test situation is different, hence the solution!



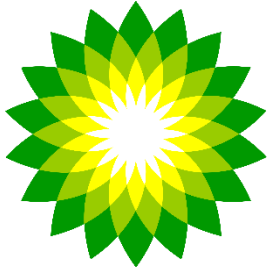
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CUSTOMERS & PARTNERS

Resato HIGH PRESSURE TECHNOLOGY



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HALLIBURTON



CONTACT INFORMATION



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