

HTU

Compact. Ergonomic. User-specific.

Resato



Outlet Pressure Range

up to 5,000 bar /
72,000 psi



Capacity Range

0,29 up to 50 liter per
minute



Mediums

Fluids only

► The HTU is an all-in-one hose test bench which is designed for hose manufacturers and assemblers to carry out high pressure tests on hoses to prove quality and safety. The hose test bench is a versatile system with a wide range of outlet pressures due to a configurable multiple pump setup. For more accurate pressure readout over the complete test range, this hose test stand can be equipped with multiple pressure read-outs. To ensure safety during pressure testing, the HTU allows pressure build-up only with a closed cover. Its spacious design and polycarbonate impact resistance window enable a clear and safe view on the test object during testing. To reduce operating time, a pressure pre-set allows fast repeatable testing of many hoses without changing settings. With its range of options, the hose test bench can be tailored to customer specific demands (e.g. X-Y-X pressure testing).

Benefits & Features

- Enhanced safety by avoiding unwanted opening of the cover, with the manually operated cover's locking mechanism by means of air operated cylinders.
- To avoid hazardous situations, pressure build up is only possible with a closed cover.
- For visual inspection during pressure testing, the cover is made of impact resistant polycarbonate plastic.
- To increase system durability, all wet parts are non-corrosive, leading to no pollution or corrosion of the test compartment.
- Reduce testing time by quick object pre-filling via an integrated large orifice by-pass check valve and multiple pump setup.
- Grid floor ensures easy object draining after testing-cycle and prevents objects from getting dirty
- Visual de-air indication to safely see if the test object is properly de-aired without opening the cover
- Reduce operating time by preconfiguring the pressure values to enable fast series-testing of hoses
- Ergonomic design for more operator comfort with adjustable height of opening of cover and thus working height.
- More accurate testing due to optional low pressure read out.
- Designed for Parker Polyflex X-Y-X testing (version HTU-5000)

Application Areas

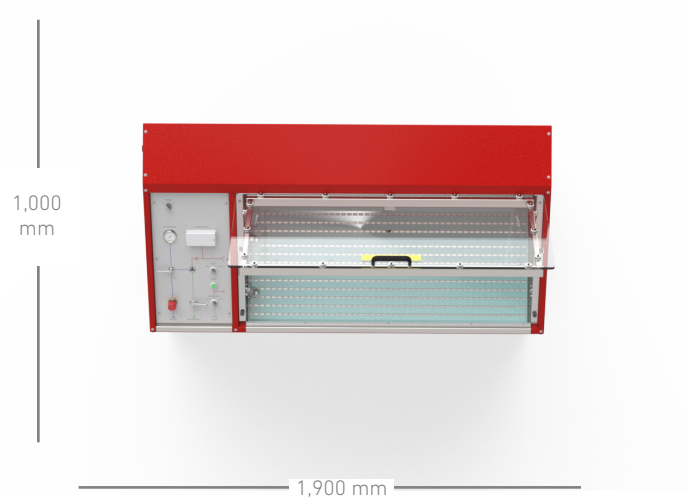
- Leak pressure testing
- Hydrostatic pressure testing
- Series testing of hoses
- Proof pressure testing
- Testing of PVC, rubber, and other hoses
- X-Y-X pressure testing (Parker Polyflex)
- Burst testing



MADE
IN THE
NETHERLANDS

YOUR HIGH PRESSURE EXPERT.

Dimensions



Technical Information

Item	Specifications
Outlet Pressure Range	1 up to 5,000 bar
Flow Capacity Range	0,29 up to 50 liters per minute
Noise Level	< 80 dB(A)
Weight	± 350 kg
Temperature	0° - 40° C environment
Outlet Connections	Std M30x2 or 1 1/18 -12 UNF HP or on customer request
Pressure Read-out	Gauges, or digital read-outs
Max. air consumption	Up to 4,500 normal liters per minute
Mediums	Water, mineral base fluids, hydraulic and lubrication oils, water/oil emulsions, water glycol types



Specific version for Parker Polyflex Hoses

For pressure tests on Parker Polyflex UHP hoses, we have designed the HTU-5000 version. It allows for the pressure testing of all high pressure test procedures including the X-Y-X test.



Designed for safe operation

Your operator's safety is of the utmost importance to us. The unit is equipped with a mechanism that only allows pressurization when the cover is closed. Furthermore, the air-operated locking mechanism prevents opening of the cover during pressure testing activities. Visual inspections are still possible through the polycarbonate, transparent cover.

Options

- Data acquisition system
- Burst box
- Build in pre-fill skid with tank
- Digital pressure read out
- Adapter package

Since 1991.

Resato is a Dutch provider of smart high pressure solutions with the aim to increase the productivity of its worldwide customers. We develop and manufacture waterjet cutting systems as well as components and systems for pressure testing, injection, and controlling up to 14,000 bars with the mission to meet and exceed the expectations of our customers. Since 2017, we are developing hydrogen filling solutions and high pressure equipment.

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📍 Resato International B.V.
Duitslandlaan 1
9403 DL Assen
Netherlands

✉ info@resato.com
☎ +31 (0) 50 501 6877