

NEW

Resato compact hose test units SLU series up to 3.650 bar



Resato SLU hose test unit

Resato's new hose test units type SLU series

are designed for quick and easy testing and are available in several pressure ranges up to 3.650 bar.

Key Features

- Ergonomic and professional design
- Spacious stainless steel test compartment; dimensions 1350x900x180-500 mm (lxwxh)
- Quick serial testing by use of pressure pre-set
- Quick object filling
- Low noise level
- Easy operation
- Visual de-air indication
- Suitable for pressurizing with oil, water or other fluids
- Several pressure ranges available
- All wetted parts made of non-corrosive materials
- Cover fully made of impact resistant window
- Easy and low-cost maintenance

Resato SLU hose test units are manufactured according to European regulations and will be delivered including:

- Operating- & maintenance manual
- Test- & calibration certificate

Functioning

The hose is positioned in the test compartment and connected to a high pressure outlet and return connection. A sequence of hose pre-filling, de-airing, pressurizing and bleeding is performed without opening the cover. Quick object filling is performed via large orifice tubing and by-pass check-valve.

The test unit is fitted with a Resato high-pressure pump. It provides continuously variable test pressure settings and easy operation.

Pressure build up is automatically stopped when the set pressure is reached. The test pressure is indicated on a calibrated test gauge.

Description

The unit is ready-to-use and is especially designed for carrying out pressure tests on hoses, although other objects can be tested as well. The unit has an ergonomic and spacious stainless steel test compartment with cover, which is completely made out of an impact resistant window. The SLU is available in several test ranges up to 3.650 bar / 52,000 psi.

Options

- Data acquisition system (CR recording system)
- Digital pressure read-out instead of pressure gauge
- Build in tank
- Adapter package

Safety

The Resato SLU hose test unit offers the following standard safety provisions:

- Automatic mechanical cover lock, if unit is under pressure
- Pressure build up is only possible with closed cover.
- The cover of the test unit is provided with a fully impact resistant polycarbonate window

Type table

- The type table is found at the back of this leaflet

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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.

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Type table hose test unit SLU series

| SLU-80 series with P80 pump type | Actual pressure ratio | Max. pressure bar/psi | Max. volume per cycle cc | Flow rate l/min | Connections | |
|--|--------------------------|--------------------------|--------------------------------|--------------------|-------------|--------|
| | | | | | Test | De-air |
| SLU-80-450 | 65 | 455 / 6,600 | 1.57 | 1.10 | M30x2* | M30x2* |
| SLU-80-700 | 100 | 700 / 10,150 | 1.01 | 0.70 | M30x2* | M30x2* |
| SLU-80-1250 | 180 | 1260 / 18,275 | 0.57 | 0.33 | M30x2* | M30x2* |
| SLU-80-1800 | 260 | 1820 / 26,400 | 0.39 | 0.29 | M30x2* | M30x2* |

* High-pressure connections with conical sealing

| SLU-160 series with P160 pump type | Actual pressure ratio | Max. pressure bar/psi | Max. volume per cycle cc | Flow rate l/min | Connections | |
|--|--------------------------|--------------------------|--------------------------------|--------------------|-------------|--------|
| | | | | | Test | De-air |
| SLU-160-450 | 65 | 450 / 6,400 | 15,7 | 4.20 | M30x2* | M30x2* |
| SLU-160-1250 | 178 | 1245 / 17,800 | 5.7 | 1.50 | M30x2* | M30x2* |
| SLU-160-1800 | 256 | 1790 / 25,600 | 3.9 | 1.10 | M30x2* | M30x2* |
| SLU-160-2800 | 400 | 2800 / 40,000 | 2.5 | 0.70 | M30x2* | M30x2* |
| SLU-160-3600 | 520 | 3655 / 52,200 | 1.9 | 0.50 | M30x2* | M30x2* |

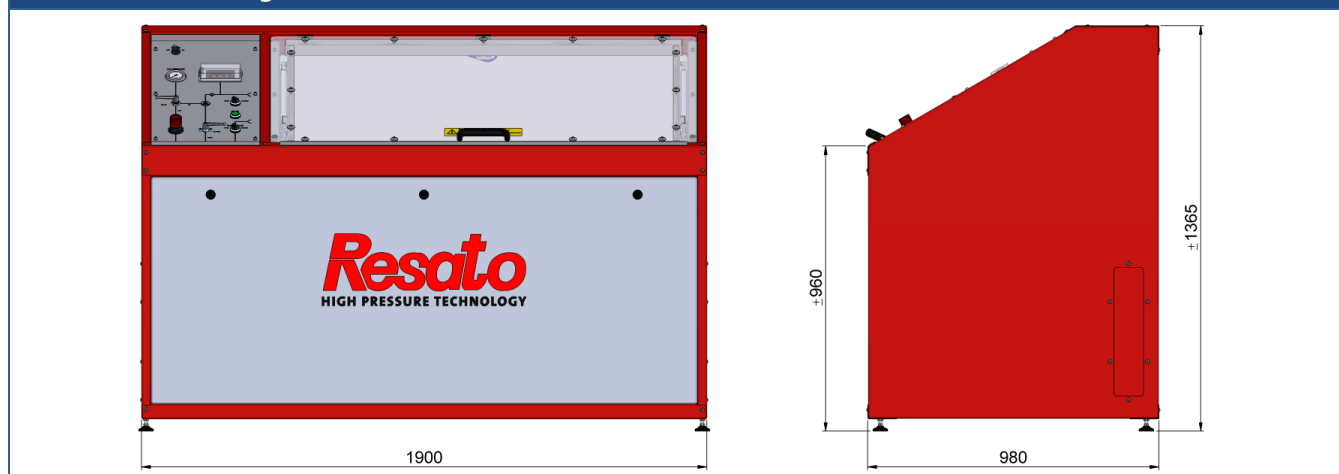
* High-pressure connections with conical sealing

The unit is optionally available with:

- Data acquisition system; Ordering code: CR
- Digital pressure read-out instead of pressure gauge; Ordering code: DR
- Build in 75 litres tank with membrane supply pump; Ordering code: D

Ordering example: SLU-D-160-1800/CR/DR

Dimensional drawing



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