

Test Benches & Cleaning Machines

Reliable, clean and eco-friendly.



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Test Benches & Cleaning Machines



Universal

- For all types of hoses and fittings.



Ecoline

- Value driven solution for less frequent use.



Integrated Tank

- Fast filling and automatic pressure release of tested parts.

Special features



P 160



P 180



P 250



P 260



P 320



P 350

Quality and safety

Fully enclosed test chamber.

Also suitable for static pressure testing of various hydraulic components such as valves, hydraulic cylinders, housings, quick-release couplings, etc.

Safety switch - when the hood is opened, all pressure is automatically released within 1/10 second.

Hood with gas springs and transparent Makrolon® safety pane.

Environmentally friendly test medium (water-oil emulsion).

Easy and safe to operate.

Test bench can be retrofitted with extension element (P 160).

Logging software/printer available as optional equipment at UPP (P 160 / P 180) or IPC (P 180) Option.

Compressed air filter with condenser.

Innovative technology for fast processing

Parts to be tested (hose lines) can be inserted quickly by means of our Steck-O-System or hand clamping (P 180 optional) and without any time-consuming preparation or modifications to the tank.

Fast filling and automatic pressure release of tested parts.

CE compliant

Weight-loading gas-spring cover.

Makrolon safety screens.

Safety valve in test chamber.

Guard locking at P 180.

Quality and safety

Fully enclosed test chamber.

Quick filling and automatic venting of the test pieces.

Simplest and trouble-free handling.

Change between automatic and manual setup mode.

High test capacity provides fast payback.

Innovative technology for fast processing

Time-saving product parameter memory.

Proper documentation and controlling.

CE compliant

Gas pressure spring at P 250.

Pneumatically operated door on P 260.

Quality and safety

Fully enclosed test chamber.

Quick filling and automatic venting of the test pieces.

Simplest and trouble-free handling.

Change between automatic and manual setup mode.

High test capacity provides fast payback.

Innovative technology for fast processing

Proper documentation and controlling.

CE compliant

Guard locking at P 320 and safety sensor system at P 350.



Hose lines that cannot withstand the high pressure for which they are designed can cause serious damage, resulting in high costs - often higher than the price of a test bench. Why take a risk that can be easily avoided?

By testing the quality of your products, you opt for safety. The P 160 and P 180 workshop test benches allow for the efficient and safe final inspection and testing of hose lines. They are easy to operate and quickly become part of your routine procedures.

NEW



P 180 with pallets 1,200 x 800



P 160



P 180 IPC + hand clamping



The P 250 / P 260 Test Bench with Control IPC are new modular test benches that can be adapted to your needs. They offer the possibility to test with the Steck-o, Hand or Hydraulic quick cone system. You can also install a Euro Pallet inside for the P 260. The Chamber also accepts a non-end extension if you prefer to test a hose lengthwise. The controller offers all parameters for a fully automatic test, with visualization of the pressure and may other features but also connectivity to your server or other machine in line with industry 4.0. or IoT.



P 250 with one hand clamping



P 260 with four hand clampings



P 250

P 260

Technical Data	P 250	P 260 NEW
Test pressure	150 - 1,500 bar / 2,175 - 21,750 psi	150 - 1,500 bar / 2,175 - 21,750 psi
Control	IPC	IPC
Drive	oscillating intensifier	oscillating intensifier
Flow (effective)	7.5 l/min	7.5 l/min
Capacity	7 bar, 100 NI/min	7 bar, 100 NI/min
Anticorrosion additive	EM-CO 18kg	EM-CO 18kg
Tank dimensions mm (Zoll)	2,194 x 890 x 470 mm (86" x 35" x 18.5")	2,194 x 890 x 1,100 mm (86" x 35" x 43.3")
Test bench dimensions mm (Zoll)	2,700 x 1,450 x 1,550 mm (106" x 57" x 61")	2,700 x 1,450 x 2,100 mm (106" x 57" x 82.7")
Reservoir capacity	120 l	120 l
Loading	250 kg	250 kg
Weight	570 kg	900 kg
Noise level	75 dBA	75 dBA
Capacity electric	3 VAC	3 VAC
Steck-O	✓	✓
Options		
High pressure	150 - 3,000 bar / 2,175 - 43,500 psi	150 - 4,500 bar / 2,175 - 65,250 psi
Low pressure	20 - 1,500 bar / 290 - 21,750 psi	20 - 1,500 bar / 290 - 21,750 psi
Stainless steel tank optional	✓ Standard kein VA	–
Extended version on request: L x W x H mm (Zoll) Weight	2,220 x 1,000 x 1,400 (87.4" x 39.4" x 55.11") 420 kg	–
VA	✓	✓
Hand clamping	4 Lines	4 Lines

Steck-O up to 1.500 bar / Hand or hydraulic clamping up to 3.000 bar

P 250:

Steck-O adapter and screw connection:

- 1 x Steck-O up to 1500 bar: 414.1000
- 4 x Steck-O up to 1500 bar: 414.1012
- 1 x Screw connection up to 3000 bar: 414.1008
- 4 x Screw connection up to 3000 bar: 414.1013

P 250:

Fast clamping system:

- 1 x Hand clamping up to 1500 bar: 414.1002
- 3 x Hand clamping up to 1500 bar: 414.1032
- 1 x Hand clamping up to 3000 bar: 414.1005
- 3 x Hand clamping up to 3000 bar: 414.1035

P 260:

Steck-O adapter and screw connection:

- 1 x Steck-O up to 1500 bar: 415.1100
- 4 x Steck-O up to 1500 bar: 415.1104
- 1 x Screw connection up to 4500 bar: 415.1181
- 4 x Screw connection up to 4500 bar: 415.1184

P 260:

Fast clamping system:

- 1 x Hand clamping up to 1500 bar: 415.1121
- 4 x Hand clamping up to 1500 bar: 415.1124
- 1 x Hand clamping up to 3000 bar: 415.1151
- 4 x Hand clamping up to 3000 bar: 415.1154

Description



Axially adjustable quick-change system with adjustable rotating head.



Sealing tips for hand clamping.



Extension of quick system to 2 lines.



Barcode Scanner
BCR CTR2C-Kit



With the P 320 and P 350, you can perform precision tests of hoses of up to 2 500 mm in length and with pressures up to 1 000 bar. For the P 320, you can choose between automated and manual setup mode with a pressure up to 4 500 bar as an option. Our P 320 and P 350 have an extra-large test chamber that offers you the space you need to meet any challenge.

Pallets with hoses as well as large, heavy hose coils can be easily supplied to the chamber by forklift. Hose samples are connected easily with adapter hose and quick connection to pressure ports. The P 320 also has a hand clamping option.



P 320



P 320



P 320 with UPP



P 350 with Container

P 320

P 350

Technical Data	P 320	P 350
Test pressure	150 - 1,500 bar / 2,175 - 21,750 psi	150 - 1,000 bar / 2,175 - 14,500 psi
Control	Manual	IPC
Drive	Diaphragm pump + intensifier	Diaphragm pump + intensifier
Flow (effective)	12.5 l/min	12.5 l/min
Tank dimensions closed (L x W x H) mm (Zoll)	External: 2,270 x 1,420 x 2,525 (63.3" x 49.6" x 83.8") Internal: 1,607 x 1,260 x 2,130 (89.4" x 55.9" x 99.4")	P 350 Container: External: 2,100 x 2,170 x 2,650 mm (76.8" x 76.8" x 86.6") Internal: 1,950 x 1,950 x 2,200 mm (82.7" x 85.4" x 104.3")
Aggregate dimensions	– (integrated)	850 x 1,390 x 810 mm
Reservoir capacity	150 l	P 350 Container: 1,040 l
Colour	RAL 5012 blue/RAL 7021 grey	RAL 5012 blue/RAL 7021 grey/RAL 9002 rey-white
Weight of tank	P 350 Container: 650 kg	P 350 Container: 650 kg
Weight of power unit	–	210 kg
Noise level	75 dBA	75 dBA
Max. hose length	abhängig vom Ø, mehrere Meter auf Coil möglich	abhängig vom Ø, mehrere Meter auf Coil möglich
Test medium	Water-oil emulsion EM-CO 18kg	Water-oil emulsion EM-CO 18kg
Accessories		
Pressure + return filter	✓	✓
Air preparation unit	✓	✓
Hand clamping	✓ (1 piece)	–
Options		
Second chambers are possible	–	–
IPC	✓	Standard
Low pressure	20 - 1,500 bar / 290 - 21,750 psi	20 - 1,000 bar / 290 - 14,500 psi
High pressure	150 - 4,500 bar / 2,175 - 65,250 psi	–

P 320:

Steck-o Adapter and Screw Connection:

- 1 x Steck-O up to 1,500 bar: 416.1101
- 1 x Screw connection up to 4,500 bar: 416.1181

P 320:

Fast clamping system:

- 1 x Hand clamping up to 1500 bar: 416.1121
- 1 x Hand clamping up to 3000 bar: 416.1151

Description



P 320 Laptop (UPP)



P 320 Interior



UNIFLEX cleaning machines effectively remove residue and scale from hose cutting, crimping and press fitting.



RG 2

RG 10

Technical Data	RG 2	RG 10
Drive	Diaphragm pump, 7 bar Air	Diaphragm pump, 7 bar Air
Maximum flow rate	25 l/min	180 l/min
Pressure filter	3 µm	10 µm
Air filter	5 µm	5 µm
Max. air consumption	100 NI/min	250 NI/min
Working range	up to 1¼" ID	up to 2" ID
Max. length, depending on bore size	2,5 m/8 feet	20 m/65 feet
Tank capacity	38 l	215 l
Working area	350 x 750	800 x 1,600
Cleaning agent	Non-toxic and corrosion-free emulsion, water based.	Non-toxic and corrosion-free emulsion, water based.
L x W x H (mm)	960 x 435 x 940	2000 x 840 x 1,050
Weight (empty)	55 kg	160 kg

Accessories

Hakupur 21,5 l - RG 2 + RG 10 - concentrated cleaning agent

PJ_30.10.76 - RG 10 - Pressure filter cartridge 5 µm

PJ_30.10.60 - RG 10 - Pressure filter cartridge 10 µm

600.4 - RG 2 - Filter cartridge 5 µm

600.5 - RG 2 - Filter cartridge 12 µm

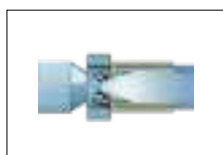
Options

VA

-

✓

Description



UNIFLEX cleaning machines effectively remove residue and scale from hose cutting, crimping and press fitting.

Accessories



Roller kit 408.2