The set pressure and reseating pressure are automatically registered and displayed on the digital pressure registration system and can be sent in real-time to the ISOPLAN® Software. ISOPLAN® calibration software allows you to record all your safety valves technical information and calibration operations in a strong database in order to meet your safety regulations.

It will generate the full calibration report that will include the calibration graphics, calculation of blowdown, photos of the valve before and after maintenance as well as any technical relevant information.

**PRESYS** PSV Workstation is delivered ready to use and we provide training by internet conference or on-site on request. **PRESYS** products are developed in a technology context combining high quality and reliability, using a continuous improvement process. With a global presence in most regions of the world, directly or with specialized and trained distributors, **PRESYS** provides you with the right solution for your application or calibration needs, always benefiting of our entire technical support.
PSV Station

They have a unique acquisition system that allows automatic detection of opening pressures (SET) and valve closing (RESEATING).

The PSY起诉 PSV station is a complete solution, composed of a test bench that communicates with the calibration software Isoplan-5®, emitting complete and detailed certificates and test reports for pressure safety valves (PSV) and pressure relief valves (PRV). Isoplan PSV-5 Calibration Software one license included.

Pneumatic and hydraulic versions available.

- Hybrid version with independent pneumatic and hydraulic operating circuits.
- Configurable Digital indicator according to the E.U. of the tested valve.
- Available units: psi, bar, MPa, kgf/cm², gf/cm² (others units under consult).
- Easy to install and ready to use.
- Nitrogen or air operated for pneumatic versions and, water or oil for hydraulic versions.

**Pressure Ranges Available**

- 500 psig (35 bar) / 1000 psig (70 bar) / 3000 psig (210 bar) / 5000 psig (350 bar)
- 14500 psig (1000 bar)

*Other pressures on request*

**Standard Features**

- Automatic Acquisition of SET and RESEATING values.
- 0.1 % FS High accuracy digital pressure acquisition and measurement system.
- Calibration certificates for all pressure indicators.
- Ball valve to isolate high pressure accumulator.
- Pressurized valve signaling.
- Data book of internal pressure vessels.
- High-strength 6mm polycarbonate shield for operator protection.
- Threaded valves up to 2", with set thread female NPT adapter's kit for up to 5000 psi (350 bar).
- Mounting flanged valves: from 1" (DN 25) to 10" (DN 250).
- Manual bubble counter Assembly, with flange adapters in accordance with API-527.
- Easy to operate control panel with precision regulators for fine adjustment of pressure.
- Manual clamping system with up to 4 clamps.
- Manifold block for external pressure standard gauge with fast connection – tool free. It can be used as gauge calibration port.
- Compact dimensions (H x W x D): 1220 mm (48.0 in) x 1000 mm (39.4 in) x 1300 mm (51.2 in).
- 450 kg (992 lbs), total height with shield: 1900 mm (74.8 in).
- Suspension eyelet for easy transport.

**Included Accessories**

- Bubble counter assembly
- Manual clamping system
- Set thread female NPT adapters
- Flange adapters for test

**Optional Accessories**

- Station operating Training
- Multi-Indicators with intermediate pressure ranges for better accuracy measurements.
- Low pressure measuring circuit for pilot operated valves tests.
- Pneumatic Booster up to 350 bar.
- Hydraulic pump up to 1000 bar.
- Flange adapter up to 12" (DN 300) (under consult).
- Split Assembly, with command panel and test table separated.
- Skid Mounted.
- Spare O-ring gasket kit for flange test adapters.
PSV STATION

They have a unique acquisition system that allows automatic detection of opening pressures (SET) and valve closing (RESEATING).

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- Configurable Digital indicator according to the E.U. of the tested valve.
- Available units: psi, bar, MPA, kPa, kgf/cm², gf/cm² (others units under consult).
- Easy to install and ready to use.
- Nitrogen or air operated for pneumatic versions and, water or oil for hydraulic versions.

**INCLUDED ACCESSORIES**

- **Automatic acquisition** of SET and RESEATING values.
- 0.1 % FS High accuracy digital pressure acquisition and measurement system.
- Calibration certificates for all pressure indicators.
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- High-strength 6mm polycarbonate shield for operator protection.
- Threaded valves up to 2", with set thread female NPT adapter's kit for up to 5000 psi (350 bar).
- Mounting flanged valves: from 1" (DN 25) to 10" (DN 250).
- Manual bubble counter Assembly, with flange adapters in accordance with API-527.
- Easy to operated control panel with precision regulators for fine adjustment of pressure.
- Manual clamping system with up to 4 clamps.
- Manifold block for external pressure standard gauge with fast connection – tool free. It can be used as gauge calibration port.
- Compact dimensions (H x W x D): 1220 mm (48,0 in) x 1000 mm (39,4 in) x 1300 mm (51,2 in).
- 450 kg (992 lbs), total height with shield: 1900 mm (74,8 in).
- Suspension eyelet for easy transport.

**INCREASED CAPABILITIES**

- Station operating Training
- Multi-Indicators with intermediate pressure ranges for better accuracy measurements.
- Low pressure measuring circuit for pilot operated valves tests.
- Hydraulic pump up to 1000 bar.
- Flange adapter up to 12" (DN 300) (under consult).
- Split Assembly, with command panel and test table separated.
- Skid Mounted.
- Spare O-ring gasket kit for flange test adapters.

**PRESSURE RANGES AVAILABLE***

- 500 psig (35 bar) / 1000 psig (70 bar) / 3000 psig (210 bar) / 5000 psig (350 bar)
- 14500 psig (1000 bar)

*Other pressures on request

**STANDARD FEATURES**

- Station operating Training
- Multi-Indicators with intermediate pressure ranges for better accuracy measurements.
- Low pressure measuring circuit for pilot operated valves tests.
- Hydraulic pump up to 1000 bar.
- Flange adapter up to 12" (DN 300) (under consult).
- Split Assembly, with command panel and test table separated.
- Skid Mounted.
- Spare O-ring gasket kit for flange test adapters.

**OPTIONAL ACCESSORIES**

- Pour thread female NPT adapters with flange adapters, clamps and bubble jar (API 527)
- With 4 clamps set
- Flange adapters for test

**FOR MODEL SPLIT 4 INDICATORS:**

- Station operating Training
- Multi-Indicators with intermediate pressure ranges for better accuracy measurements.
- Low pressure measuring circuit for pilot operated valves tests.
- Hydraulic pump up to 1000 bar.
- Flange adapter up to 12" (DN 300) (under consult).
- Split Assembly, with command panel and test table separated.
- Skid Mounted.
- Spare O-ring gasket kit for flange test adapters.
The set pressure and reseating pressure are automatically registered and displayed on the digital pressure registration system and can be sent in real-time to the ISOPLAN® Software. ISOPLAN® calibration software allows you to record all your safety valves technical information and calibration operations in a strong database in order to meet your safety regulations.

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Contact Presys for detailed specifications and pricing at sales@presyscorp.com