



Safety Relief Valve Test Bench



Detail

Test Bench For Pressure Safety(Relief) Valve Acc. to standards:API 526, ANSI/API RP 576, API 527

- The patented design ensures its good universality of the whole machine, long life, and convenient operation, and it is the pioneer of high-pressure safety valve test bench in China;
- The outlet pressure is adjustable steplessly, which solves the problem of high, middle and low pressure safety valves being tested on the same test bench;
- Using European and American boosters, pumps and high pressure pipes, valves and fittings that our company sells as the general agent in China, to ensure the reliability of components;
- With unique structure, large clamping force, reasonable system, and high cost performance. It can test set pressure and seat tightness of various safety valves.



In 2009, our company cooperated with Zhejiang Institute of Special Equipment Inspection and Research to complete the science and technology project "Special equipment Safety valve Testing vehicle" of AQSIQ. We was responsible for the design and manufacture of high-pressure safety valve testing bench. The project passed the scientific and technological achievement appraisal of AQSIQ. The appraisal result of No. 172 (2009) is "integrated innovation, which fills the domestic gap and is in the leading level in China".



Gas and liquid dual-purpose safety valve test bench

1. Model: TPU-3100-L.
 2. Test pressure: 0-300, 0-400, 0-680bar.
 3. Test range: 1/2"-6", 1/2"-8", 1/2"-10", 1/2"-12", 1/2"-12"/16".
 4. Clamping force: 13, 20, 25, 30, 40T available, greater clamping force can be customized.
 5. Test Medium: nitrogen gas, compressed air, water.
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Middle and low pressure claw vertical lift for gas purpose

1. Model: TPU-3100-1C.
 2. Test pressure: 0-150bar.
 3. Test range: 1/2"-6", 1/2"-8", 1/2"-10", 1/2"-12".
 4. Clamping force: 13, 20, 25, 30, 40T available, greater clamping force can be customized.
 5. Test medium: nitrogen gas, compressed air.
 6. Not equipped with gas booster.
 7. With vertical lifting claws and fixed sealing plate.
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Built - in safety valve test bench

1. Model: TPU-3100-1N.
 2. Test pressure: 0-6 MPa.
 3. Test range: DN15-150, and other options.
 4. Clamping force: 13T, and other options.
 5. Test medium: nitrogen gas, compressed air.
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Large-size SRV both liquid and gas service

1. Model: TPU-3100-DL.
 2. Test pressure: 0-300, 0-400, 0-680 bar.
 3. Test range: 1/2"-8"/8"-16", 1/2"-10"/10"-20", 1/2"-12"/12"-24".
 4. Clamping force:
small clamping seat: 13, 20, 25, 30, 40T available;
large clamping seat: 40, 60, 80T available;
greater clamping force can be customized.
 5. Test medium: nitrogen gas, compressed air, water.
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Mobile SRV test shop

1. Model: TPU-3100-4.
2. Valve lapping machine.
3. Portable valve seat grinder.
4. 500kg swing crane.
5. Isuzu truck accommodates 5 persons in the cab.



(Cooperated with Zhejiang Institute of Special Equipment Inspection and Research)



SRV test container work shop

1. Model: TPU-3100-LPC10.
2. Container: L3070* W2470* H2580(mm).
3. Safety valve test bench: All models of TELIDE safety valve test bench can be available.
4. AT-31 portable computer recorder.
5. 15"(380mm) Plane grinder. (Optional, default none)
6. TGP-3100-175 Electric portable safety valve sealing surface grinding tool. (Optional, default none)
7. 500kg cantilever crane.
8. PT shield with wire mesh.
9. Stainless steel panel worktable.
10. Storage box.
11. Bench vice (for valve repair).
12. Air conditioner, light and socket outlets.





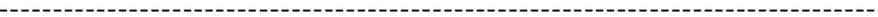
Mobile medium and low pressure gas safety valve test bench

1. Model: TPU-3100-1-Y.
2. Test pressure: 0-150bar.
3. Test range: 1/2"-8".
4. Dimensions of the control console: L1000* W470* H950(mm), weight: 200(Kg), can further reduce the weight.
5. Integrate the clamping part and control part together, small volume, especially suitable for vehicle.



Large diameter and double-seat high, medium and low pressure gas universal type

1. Model: TPU-3100-D.
2. Test pressure: 0-300,0-400, 0-680bar.
3. Test range: 1/2"-8"/8"-16", 1/2"-10"/10"-20", 1/2"-12"/12"-24".
4. Clamping force:
small clamping seat: 13, 20, 25, 30, 40T available;
large clamping seat: 40, 60, 80T available.
greater clamping force can be customized.
5. Test Medium: nitrogen gas, compressed air.



Gas high pressure safety valve test bench

1. Model: TPU-3100-3.
2. Test pressure: 0-300, 0-400, 0-680bar.
3. Test range: 1/2"-2", 1/2"-8", 1/2"-10", 1/2"-12", 1/2"-12"/16".
4. Clamping force: 13, 20, 25, 30, 40T available, greater clamping force can be customized.
5. Test Medium: nitrogen gas, compressed air.





High Pressure Safety Valve Test Bench

1. Model: TPU-3100-3R.
2. Maximum test pressure: 93MPa, other optional.
3. Test diameter: DN15-250, , and other options.
4. Clamping force: 40 tons, , and other options.
5. Test medium: nitrogen, compressed air.
6. It is equipped with touch screen industrial computer, which can choose network version, LAN version or stand-alone version as test management system, and connect to the existing database of users.



High, middle and low pressure gas integrated recorder(universal).

1. Model: TPU-3100-4(AT).
2. Test pressure: 0-300, 0-400, 0-680bar.
3. Test range: 1/2"-2", 1/2"-8", 1/2"-10", 1/2"-12", 1/2"-12"/16".
4. Clamping force: 13, 20, 25, 30, 40T available, greater clamping force can be customized.
5. Test Medium: nitrogen gas, compressed air.

High, Medium and Low Pressure Gas-liquid Safety Valve Test Bench

1. Model: TPU-3100-LP.
2. Test pressure: 0-30, 0-40, 0-68MPa.
3. Test diameter: DN15-150, 15-200, 15-250, 15-300, 15-300/400mm.
4. Clamping force: 13, 20, 25, 30, 40 tons optional, can be customized.
5. Test medium: nitrogen, compressed air, water.
6. It can test test set pressure, seat tightness pressure and reseating pressure of safety valve.

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