



# TELIDE SHENZHEN HIGH PRESSURE

## Automatic Hose Test Bench



Detail

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### **Automatic Hose Test Bench(Model: HPU-1301L)**

#### **I . Equipment applications**

**Telide Manual Hose Test Bench (automatic static pressure and blasting test bench) HPU-1301L** is a new type of test equipment with independent intellectual property rights, which adopts pressure test device from the United States and is developed by our company according to actual situation of our country. The bench can be manually controlled or automatically controlled and they work independently. Adjustable pressure boost rate, real-time detection of pressure change, and dynamic curve output. Test data can be edited and printed out. The operation interface is simple and convenient, and the control software is easy to update and maintain. It has been used by many customers for many years, and received good reputation for its high reliability, high precision and easy operation.

The high-pressure liquid component is mounted in its pressure test bench and the panel is detachable. It can be used for static pressure test and burst test of hoses and hard pipes. It can also test different diameters or several tubes simultaneously as required, as well as other types of products

## II. Main features

1. Used various pressure test such as burst test, static pressure test.
2. Manual control or automatic control and they work independently.

Manual control: control test pressure and pressure relief.

Computer automatic control:

- Display test process and print test results;
- Adjustable pressure boost rate, real-time detection of pressure change, and dynamic curve output;
- Self-developed TstarV2.1 test program can set test pressure, test time and other test data. It can automatically generate and print test report, display real-time and colorful test curve and parameters, and store test results;
- Operation interface is in English or Chinese which is simple and convenient to update and maintenance software.

### 3. Record and output functions

- Time and pressure curve (standard)
- Test data is saved in Excel for convenient reading and storage
- Instantly generate and print time-pressure curve report, and can change settings, interface, parameters as requirements
- The curve can be magnified locally
- Test time unit can be converted: second, minute, hour, or day
- Pressure unit can be converted: MPa, bar or psi
- Multistage pressurized, and the standard procedure is level six

## III. Main components

- Gas-drive hydraulic booster from American Sprague Products
- Pneumatic control valve from Nova Swiss

## III. Technical parameters

1. Maximum driven gas pressure: 6.9 bar;
2. Maximum output liquid pressure :0.5/3.5/7/20/42/60/160/230/300/600MPa;
3. Test medium: water or oil;
4. Test temperature: -20°C±40°C;
5. Computer: Pentium4;
6. Monitor:17";
7. Printer: true color photo printing, resolution 1200dpi.

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