



TELIDE SHENZHEN HIGH PRESSURE

· English · 中文

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## Breathing Valve Test Bench



Detail

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## Breathing Valve and Control Valve Test Bench (Model: PTP-4)



**Patented  
Product**

### I . Introduction

**Telide Breathing Valve Test Bench PTP-4** is an advanced pressure test device developed by Telide, which is suitable for testing opening pressure of breathing valve. It can also be used for testing control valves and other industries besides nuclear power.

## II. Main features

1. Equipped with vacuum pump, and with the function of negative pressure test.
2. High precision and good stability. It can be used for testing both breathing valve and control valve.
3. Integrated and mobile structure which is easy to move.
4. Equipped with air gun. It can keep the equipment clean and extend the service life.

## III. Technical parameters

1. Test medium: compressed air.
  2. Test pressure:  
negative pressure: -100~0KPa,  
positive pressure: 0~82.7KPa.
  3. Maximum test range: DN50-DN100.
  4. Dimensions of test bench: L1200\* W600\* H1200 (mm),  
Dimensions of hand cart: L1000\* W620\* H450 (mm).
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## Breathing Valve Test Bench Specialized for Nuclear Power (Model: PTP-4-VA)



## I. Equipment application

**Telide Breathing Valve Test Bench PTP-4-VA**, is applied to test breathing valve performance of negative pressure suction opening pressure and sealing. It's a necessary equipment for breathing valve safety test, and a special equipment for most high precision opening pressure breathing valve in nuclear island of nuclear power industry.

## II. Main features

1. Equipped with vacuum pump, and with function of negative pressure test.
2. High accuracy of regulation and good stability.
3. Light and flexible clamping bench which can clamp flanged and threaded valve, and change different adapters.
4. Integrated design for control console. Easy to move with small size.

## III. Main technical parameters

1. Test medium: air.
2. Test pressure: negative pressure -60~0KPa.
3. Maximum test range: DN150mm \ DN200mm \ DN300mm.

4. Test breathing valve type: high precision opening pressure breathing valve in nuclear island.
5. Power supply: AC220V/50Hz.
6. Dimensions and weight for control bench(L×W×H): 22×24×44 inch.  
Weight: approx.50Kg.  
Dimensions and weight for clamping bench (L×W×H): 34×22×22 inch.  
Weight: approx.88Kg.

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## Breathing Valve Test Bench (Model:TPU-3100-1H)



### I .Equipment application

"Telide" Breathing Valve Test Bench (Model:TPU-3100-1H) is used for testing the positive pressure exhalation, negative pressure suction and sealing performance of breathing valve. It is the essential equipment for delivery inspection, and safety testing during use of breathing valve, and used for test of breathing valve and emergency cut-off valve in the special inspection, nuclear power, petrochemical and other industries.

### II . Main characteristics

1. Negative pressure inspection capability;
2. High adjustment accuracy and good stability;
3. Light and flexible clamping table can clamp flange type, thread type valve, can choose different conversion joints;
4. Integrated design of the console which is small and easy to move.

### III . Technical parameters

1. Test medium: compressed air;
2. Test pressure: positive pressure 0~150kPa, negative pressure: -50~0kPa, greater pressure can be customized;
3. Test range: DN50-350mm, greater diameter can be customized;
4. Test breathing valve type: breathing valve, emergency switch valve;
5. Power supply requirements: AC220V/50Hz;
6. Control cabinet dimensions and weight: L800\* W700\* H1443 (mm), 90(kg);  
Clamping table dimensions and weight: L773\* W773\* H750 (mm), 300(kg).

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