



## Special Pressure Gas Source device

The special pressure gas source device is a device for automatic pressure control and is used in multiple high-pressure instruments manufactured by our company. It can be used with HTD18984 Permeability Plugging Tester and provides more stable and reliable gas source instead of hand-operating pressure pump.

It can provide a constant 4-way automatic pressure at most and apply pressure to four high pressure instruments simultaneously. It consists of two pneumatic pumps and four hydraulic self-adaptive regulators that can achieve automatic pressure regulation. Besides, there are gas-liquid booster, precision pressure regulator, precision liquid filter, safety protection system, etc. The wide-range precision pressure regulating valve can regulate the pressure automatically via the high-pressure duct system.



Special Pressure Gas Source  
Device  
HTD17981

### Characteristics

- Primary pressure gauge--displaying the total pressure available for 1~4 regulators;
- Fluid reservoir opening valve--supplying nitrogen to the top reservoir;
- Hydraulic governor--providing pressure to the testing unit;
- Air governor--controlling the air pressure of the pump;
- Hydraulic pressure gauge--indicating the pressure inside the testing unit.

### Parameters

No.	Category	Parameters
1	Power Supply	(220±11) V, 50 Hz
2	Maximum Operating Pressure	27.5 MPa
3	Air Source Input Pressure	0.2~0.7 MPa
4	Net Weight/Gross Weight	66kg/100kg
5	Dimensions	530×380×860 (mm)
6	Shipping Dimensions	765×615×1100 (mm)

# HAITONGDA

## *Drilling Fluid Analytical Instruments/Oil Well Cement Testing Instruments*

### Warranty and Service

We guarantee our products against any defects in workmanship or material for one year. Each quotation or order confirmation states terms of trade, trade agreement and warranty.

We specialize in research and manufacturing of drilling fluid, completion fluid and oil well cement testing instruments. As a company with over 40 years of history, we have years of manufacturing experience and a complete after-sales service system. We are willing to provide a complete set of laboratory equipment solutions for you.

### Product Catalog of Haitongda

#### Drilling Fluid Analytical Instruments

- Density testing instruments
- Rheometers
- API filter press
- High temperature and high-pressure filter press
- Mixer
- Solid content testing instruments
- High temperature aging test instruments
- Frictional coefficient testing instruments
- Lubricity analytical instruments
- Shale testing instruments
- Plugging performance evaluation instruments
- Electrochemical analytical instruments
- Overall drilling fluid laboratory solution

#### Oil Well Cement Testing Instruments

- Atmospheric consistometer
- High temperature and high pressure consistometer
- Atmospheric curing chamber
- High temperature and high-pressure curing kit
- Ultrasonic cement analyzer
- Constant speed mixer
- Rotational viscometer
- Pressurized densitometer
- Data collection and control system
- Overall oil well cement laboratory solution

### Contact Information

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