PRESSURE TEST EQUIPMENT

CDINDUSTRY(INTERNATIONAL),INC

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Part 1 COMPANY PROFILE

PART 01

COMPANY PROFILE

CDINDUSTRY (INTERNATIONAL) INC. (hereinafter referred to as CDI), headquartered in Chongqing, China, possesses a specialized manufacturer and integrated industrial supplier with a strong focus on the oil and gas sector. With core expertise in fluid control and pressure testing equipment, CDI combines manufacturing capability with technical service support to serve clients worldwide.

The company has built long-term partnerships with over 150 leading clients across 48 countries, including major industry players such as CNPC, Sinopec, Shell, Chevron, CNOOC, Schlumberger, and Halliburton. Leveraging its in-house manufacturing strength and collaboration with a network of over 3,500 qualified Chinese producers, CDI delivers high-performance equipment tailored for demanding applications in oil and gas, as well as other sectors including aerospace, nuclear power, military, and shipbuilding.

PART 01

Certificate and Qualification

CDI's factory insists on innovation and continuous improvement on the whole set of equipment, as well as on the R&D of core components, and have applied for dozens of national patents, software copyrights and other intellectual property rights.

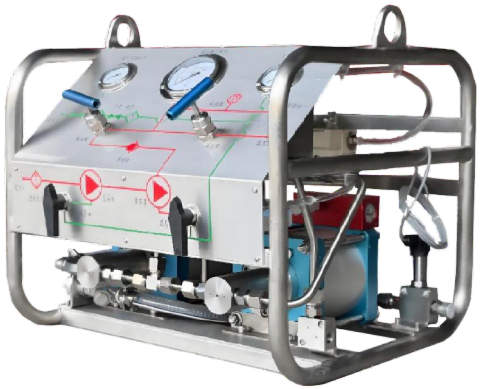
CDI's factory has the quality control certificates of ISO14001, ISO45001, ISO9001 certificates

Part 2 PORTABLE HYDRO TEST UNIT & GAS BOOSTER UNIT

PART 02

Main Characteristics for Oil & Gas Pressure Testing

- **Intrinsically Safe & Explosion-Proof:** Powered solely by compressed air. Guarantees no heat, no flames, and absolutely no risk of sparks, making it ideal for hazardous environments.
- **Precise Pressure Control & Lock:** Features a precision regulator for stepless adjustment and accurate locking of output pressure, ensuring consistent and reliable test results.
- **Rugged & Field-Ready:** Constructed with full stainless steel wetted parts for superior corrosion resistance and longevity. Its compact, lightweight design ensures easy portability across the work site.
- **Global Standard Compatibility:** Equipped with standard (NPT/ISO) connections and a dual-scale (bar/Psig) shockproof gauge, meeting international operational requirements.



PART 02

Main Range of Equipment Supply

HYDRO TEST UNIT

- Pressure Range: **50bar - 3000bar (725psi - 43500psi**)
- Test Medium: Clean water, hydraulic oil, glycol
- Flow rate: 30Litres maximum
- Test Precision: 1%-1.6% FS
- Type: Portable, trolley, skid-mounted, cabinet

GAS BOOSTER UNIT

- Pressure Range: **20bar - 1379bar (290psi - 20000psi)**
- Test Medium: Air, Nitrogen, CO_2, Aron, Helium
- Test Precision: 1%-1.6% FS
- Type: Portable, trolley, skid-mounted, cabinet

PART 02

Equipment Structure

We provide **portable type, trolley type, cabinet type** test pump system, with optional configuration such as **chart recorder, laptop data acquisition system, hose reel skid, digital pressure gaug**e, etc.

Custom design and OEM is available

PART 02

Application for Pressure Testing

Application

Pressure Hose

Bottle and Vessel

Valves

Oil and Gas Pipeline

Wellhead Equipment

Part 3 PIPE & HOSE & VALVE TEST BENCH

PART 03

PIPE & HOSE TEST BENCH

Pressure Hose Hydraulic Test Bench

Full-automatic pressure test equipment, can realize the hose holding pressure test, fatigue test, burst test and other functions, the test process without personnel intervention, and ultimately generate test reports.

The testing machine adopts integrited design, including: box, tank, air driven hydraulic pump, control manifolds, hydraulic clamping tooling, programming control system and other components.

OEM and ODM is available.

PART 03

PIPE & HOSE TEST BENCH

Burst Pressure Testing Machine

This computer-controlled hydraulic burst pressure test bench is engineerperform high-precision hydrostatic, burst, and leak tests on a wide range of components: including hoses, tubes, pipes, valves, sensors, cylinders, and gauges. Designed for reliability and accuracy, it meets rigorous quality and safety standards across industries.

- Max. air supply: 8.3bar
- Test medium: Gas, Air, Water, Hydraulic Oil
- Voltage: 220V/380V

OEM and ODM is available.

PART 03

PIPE & HOSE TEST BENCH

Impulse & Fatigue Testing Machine

This high-performance impulse and fatigue testing machine is designed to simulate extreme operational conditions for components such as hoses, tubes, and brake lines. With a maximum impulse pressure of 80 MPa and the ability to perform over 10 million test cycles, it delivers reliable validation for durability, safety, and compliance with international standards. OEM and ODM is available.

- Pressure Display Accuracy: 0.1 MPa
- Impulse Frequency: 0.5–1.25 Hz
- Vibration Frequency: 10–50 Hz
- Bending Frequency: 0.5–3.0 Hz
- Test Medium: Hydraulic Oil or Brake Fluid
- Oil Temperature Range: Ambient ±150° C
- Cycle Life: >10 Million Cycles

PART 03

VALVE TEST BENCH

Manual & Pneumatic Safety Valve Test Bench

- Pressure Range: 0–320 bar (gas/water)
- Clamping Force: 20 tons (manual hydraulic)
- Valve Size Range: DN15–DN400
- Test Media: Air, Nitrogen, Water

OEM and ODM is available

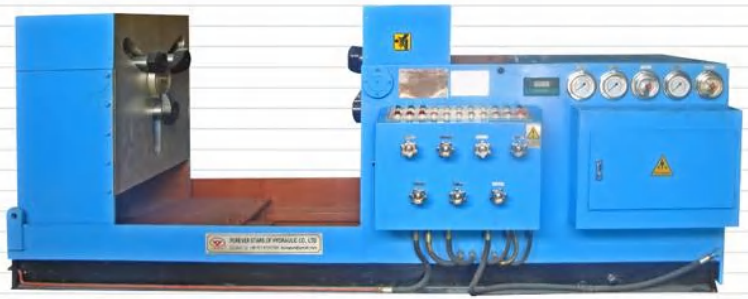
PART 03

VALVE TEST BENCH

Electrical Valve Test Bench

- Safety Valve Test Bench
- Globe Valve Test Bench
- Ball Valve Test Bench
- Gate Valve Test Bench
- Butterfly Valve Test Bench
- Check Valve Test Bench

OEM and ODM is available.



PART 03

HOSE & VALVE TEST BENCH

Client's test workshop

Part 4 SKID-MOUNTED & CONTAINERIZED TEST EQUIPMENT

PART 04

SKID-MOUNTED & CONTAINERIZED TEST EQUIPMENT

Automatic Remote Control Pressure Test Skid

High Flow Wellhead Pressure Test Skid

BOP Pressure Test Skid

PART 04

SKID-MOUNTED & CONTAINERIZED TEST EQUIPMENT

20ft /40ft Containerized Pressure Test Room

The containerized pressure test room is an advanced, mobile testing solution designed for high-pressure testing of valves, pipelines, and components across oil & gas industries. Built inside a durable shipping container, this solution is designed to be quickly deployed to remote sites, offering flexibility and ensuring compliance with international safety and quality standards.

High Pressure Capability: pressures up to 24,000 psi (1,650 bar), suitable for testing critical components in the oil, gas, and industrial sectors.

Modular Design: Available in 10 ft, 20 ft, or 40 ft configurations, including pressure types, temperature control, and automation systems.

PART 04

SKID-MOUNTED & CONTAINERIZED TEST EQUIPMENT

Pressure Test Truck for Wild Oilfield Operation

PART 04

SKID-MOUNTED & CONTAINERIZED TEST EQUIPMENT

Long Testbay Box for Oil Tools & Wellhead

10,000-20,000 psi Customizable Solution

- **Full-Scale Testing** – accommodates tubing strings, packers & completion tools
- **Modular & Mobile** – forklift pockets enable site-to-site mobility
- **No Civil Pit Required** – unlike fixed underground test pits
- **Quick-Fill System** – dual-pump setup reduces test time
- **Integrated Safety Lock** – pressure enabled only when lid is sealed
- **Hydraulic Lid Operation** – easy open/close with thick steel protection
- **Fluid Recovery System** – sump pit recycles test media
- **Multi-Pressure Transmitters** – wide-range data acquisition
- **Built-In Camera System** – visual monitoring during tests
- **Automated Reporting** – generates certified test records

Part 4 APPLICATION & PERFORMANCE

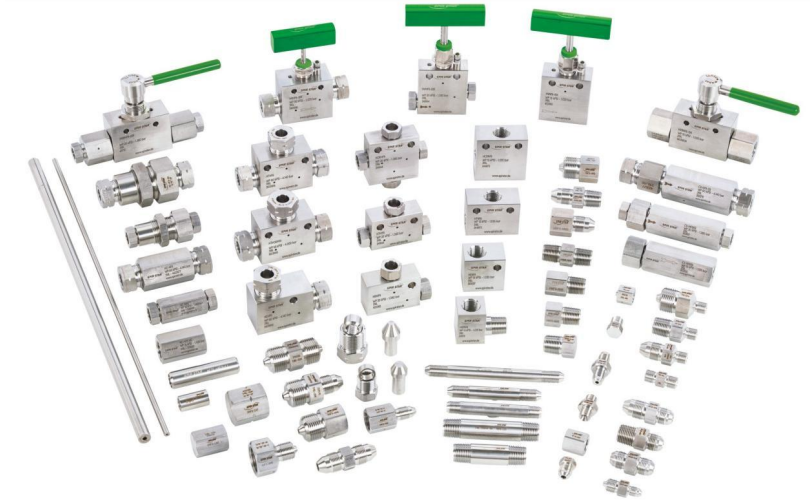
PART 05

Accessories

Meters & Gauge Instrument

High Pressure Piping & Adaptor

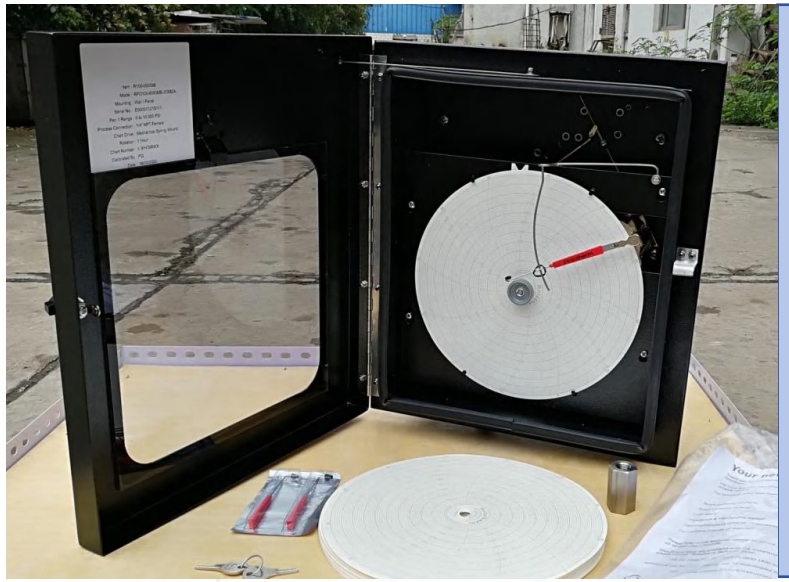
High Pressure Hydraulic Hose



High Pressure Fittings & Valves

PART 05

Accessories



Round Chart Recorder

Mains Water Pressure Recording

Beverage Pressure Temperature Recording

On/Offshore Environments & Refining

Wellhead Pressure Recording

Heating & cooling Systems & Pipework

Pressure System	STANDARD →		Choose a Bar or PSI range		C1
Pressure Range (For non-standard ranges, please contact us)	0 to 4 bar	0 to 60 psi	B00004	P00060	
	0 to 6 bar	0 to 100 psi	B00006	P00100	
	0 to 10 bar	0 to 150 psi	B00010	P00150	
	0 to 15 bar	0 to 200 psi	B00015	P00200	
	0 to 16 bar	0 to 250 psi	B00016	P00250	
	0 to 20 bar	0 to 300 psi	B00020	P00300	
	0 to 25 bar	0 to 400 psi	B00025	P00400	
	0 to 35 bar	0 to 500 psi	B00035	P00500	
	0 to 40 bar	0 to 600 psi	B00040	P00600	
	0 to 50 bar	0 to 750 psi	B00050	P00750	
	0 to 60 bar	0 to 800 psi	B00060	P00800	
	0 to 70 bar	0 to 1000 psi	B00070	P01000	
	0 to 100 bar	0 to 1500 psi	B00100	P01500	
	0 to 150 bar	0 to 2000 psi	B00150	P02000	
	0 to 160 bar	0 to 2500 psi	B00160	P02500	
	0 to 200 bar	0 to 3000 psi	B00200	P03000	
	0 to 250 bar	0 to 4000 psi	B00250	P04000	
	0 to 350 bar	0 to 5000 psi	B00350	P05000	
	0 to 400 bar	0 to 6000 psi	B00400	P06000	
	0 to 550 bar	0 to 7500 psi	B00550	P07500	
	0 to 600 bar	0 to 8000 psi	B00600	P08000	
	0 to 700 bar	0 to 10000 psi	B00700	P10000	
	0 to 800 bar	0 to 15000 psi	B00800	P15000	
	0 to 1000 bar	0 to 20000 psi	B01000	P20000	
	0 to 1500 bar	0 to 25000 psi	B01500	P25000	
	0 to 2000 bar	0 to 30000 psi	B02000	P30000	
Process Connection	1/4" NPT Female				C1
	1/2" NPT Male				C2
	1/4"HP 9/16"UNF-18 Female				C3
	3/8"BSP Male				C4
	3/8"BSPT Male				C5

PART 05

Accessories

01 Have your ever occasionally found some world famous brand you bought was actually original & made in China?

02 Have your have idea that almost 90% of the world famous brand already set their manufacture base in China? Which means, no matter what brand, you could solve your 90% request here?

03 Have you ever been astonished by those devices you thought its origin & transport from Europe, but actually it also from China?

04 Have you ever supposed that if your buy directly from China you may save 20% percent of cost in average?

Brand reference:

ABB, Endress+Hauser, KSB, Bühler, SKF, Alpine Metal Tech, Jaure, Moog, Somas, Flender, Chesterton, Ammann, Hydac, Lenze, Rexnord, Kyfola Instruments, Schaeffler, Hitachi, Herzog, Kadant, rexroth, Skako, Lechler, UWT, Flutec, Sydex

35+
Multiple country globle outsouring

150+
International brand

THANK YOU!

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