



SEAGEAR

MARINE SUPPLIES PVT LTD

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PV Valve Test Bench

- A PV (Pressure Vacuum) Valve Test Bench is a **specialized testing equipment** used to assess the functionality and performance of PV valves installed on ships.
- PV valves are critical safety components designed to **prevent overpressure** or **vacuum conditions** in cargo tanks, which could lead to accidents, structural damage, or environmental hazards.
- The PV valve test bench ensures that these valves are operating correctly and in compliance with safety regulations.



Specifications:

General	1	Make	Seagear
	2	Size	300W X 330D X 210H mm
	3	Weight	7 kg
	4	Material	Mild Steel With Powder Coating
Process Information			
	1	Range	-2500 to 2500mm WC
	2	Source	Compressed Air
	3	Inlet Connection	1/4" bsp Female With Ball Valve
	4	Outlet Connection	1/2" bsp Male Connection
	5	Pressure Regulation	0 to 10 kg/cm ²

Digital Test Guage MPC-100D

1. Description

MPC-100D is a battery operated digital pressure guage, making for easy on-site installation. The MPC-100D uses a high precision pie-resistive silicon pressure sensor. The output signal is amplified by a high-precision, low-temperature drift amplifier. The signal is then fed into a high accuracy A/D converter for the microprocessor to process and then show on the LCD screen.

2.Features

- Diameter 100mm, stainless steel case
- Large-screen LCD display, high resolution, back light, easy to read
- Automatically record maximum pressure values each on/off cycle
- Dynamic pressure percentage on display
- 10 units: Mpa, kpa, pa, bar, psi, Tor, ATM, KGF(kg/cm²), MMH(mmH₂O), MH₂(mH₂O)
- Battery life over 2 years use in power-saving mode, 2000 hours continuous use
- Sampling rate: 16 times/sec

3.Specifications

Pressure range	0-1kg/cm ²	Accuracy	0.2%
Overload capacity	200%	Connecting thread	BSPI/2"
Long term stability	<0.1%/year —	Power supply	3.6V battery ER14505
Display	LCD	Display range	-19999~99999
Auto-off time	5 minutes	Back-light time	10 minutes

Pressure Vacuum Valve

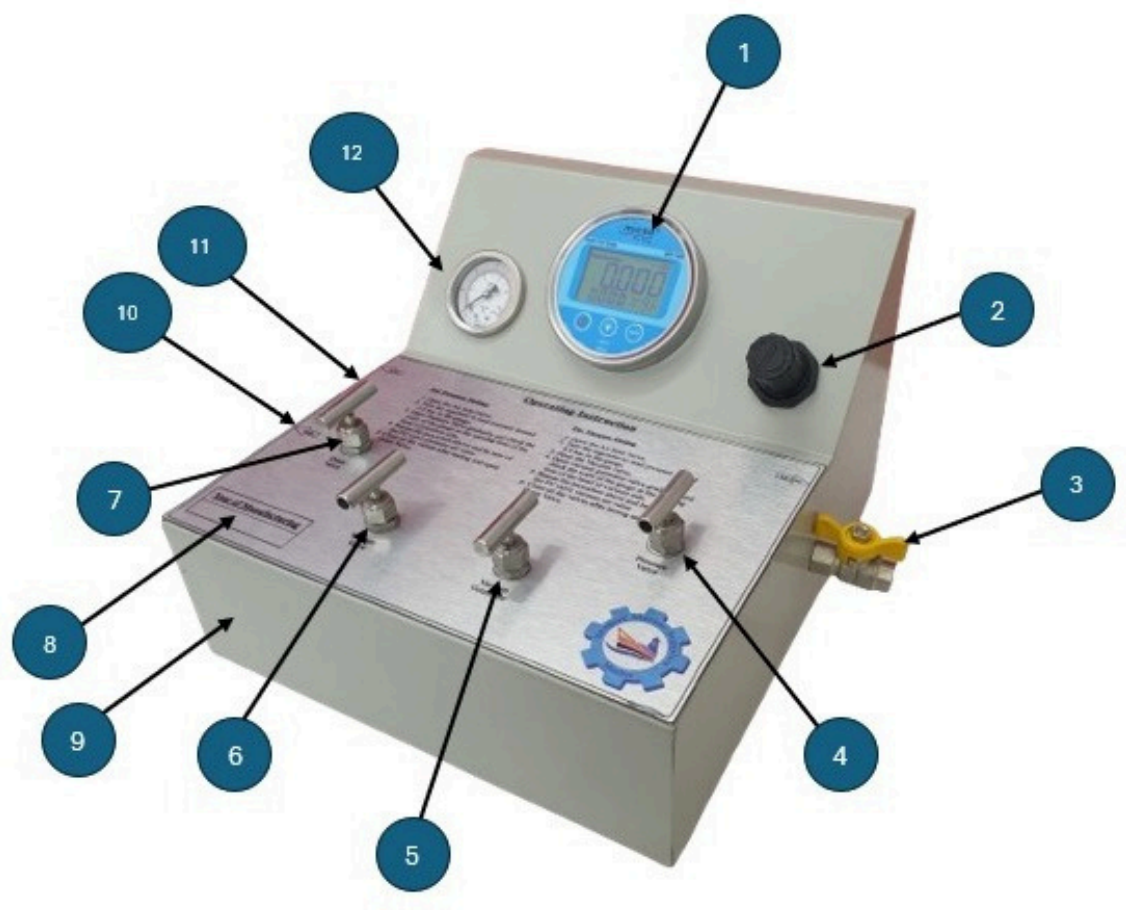


Hose Connector



Test Bench

Seagear Marine Supplies



Sr. No.	Description	Material	Qty
1	Main Compound Gauge	Stainless Steel	1
2	Pressure Regulator	Al Coating	1
3	Inlet Valve	Mild Steel	1
4	Pressure Valve	Stainless Steel	1
5	Vacuum Generator Valve	Stainless Steel	1
6	Vacuum Valve	Stainless Steel	1
7	Drain Valve	Stainless Steel	1
8	Instruction Plate	Aluminium	1
9	Box	Mild Steel	1
10	Drain/Air Ejector	Mild Steel	1
11	Air/Vacuum Outlet	Stainless Steel	1
12	Regulator Pressure Gauge	Stainless Steel	1



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