



ISE has a comprehensive hydrostatic pressure test facility including temperature, flow loop and hyperbaric testing.

Hyperbaric testing is the only way to effectively simulate subsea conditions to verify the integrity and reliability of umbilicals, hydraulics and subsea components and pre-qualify equipment to API standards.

Features:

- ▷ Vertical or horizontal testing capability
- ▷ Hydraulic function testing.
- ▷ Testing to API 17G and API 17G
- ▷ External pressure simulating 10,000 ft subsea depth

DESIGN DATA

Nominal Test Piece Diameter	32.50" (825 mm)
Nominal Test Piece Length	53.50" (1,359 mm)
Design Pressure	RWP: 5,000 psi (34.5 MPa)
Design Standard	ISO 13628-7
Water Temperature	Ambient
Test Medium	Potable Water
Control Medium	Any water or oil based control fluid

PERFORMANCE DATA

Maximum External Pressure	5,000 psi (34.5 MPa) – Equivalent Depth 10,000 ft (3,000 m)
Maximum Internal Product Test Pressure	15,000 psi (103.42 MPa)
Acceptable Hydraulic Fluid	Any water or oil based control fluid
Maximum Control Line Pressure	15,000 psi (103.42 MPa)

WEIGHT AND DIMENSIONS

External Height (Nominal)	78.80" (2,002 mm)
External Diameter (Nominal)	44.00" (1,118 mm)
Internal Length (Nominal)	53.50" (1,359 mm)
Internal Diameter (Nominal)	32.50" (825 mm)
Allowable Frame Weight (Wet)	1,660 lb (750 kg)
Weight (Dry)	5,800 kg
Weight (Wet)	TBC

CHAMBER INTERFACES

Top Flange	12-off 9/16 MP Autoclave Ports
Body	2-off 9/16 MP Autoclave Ports
Body	10-off 3/4 MP Autoclave Ports
Lower Flange	1-off 9/16 MP Autoclave Port