

Extreme High Pressure Intensifier (AL-INT)

Technical Datasheet

The Extreme High Pressure Intensifier (AL-INT) is an industrial testing system designed to increase fluid pressure up to 3000 bar using hydraulic or pneumatic drive options. The system provides precise and reliable performance for high-pressure testing applications such as hydrostatic testing, gas cylinder testing, and composite pressure vessel testing.

General Features

- Model options with pressure capacity up to 3000 bar
- Panasonic PLC controlled system
- Touchscreen user interface
- Constant pressure and pressure cycling operation modes
- Stainless system structure
- Easy maintenance design

Technical Specifications

Maximum Pressure Capacity	Up to 3000 bar (depending on model)
Pressure Sensor Accuracy	±0.25%
Operating Temperature Range	-20 °C / +100 °C
Drive System	Hydraulic or pneumatic drive depending on pressure capacity
Control System	Panasonic PLC based automatic control
User Interface	Touchscreen control panel
Test Modes	Constant pressure mode / Pressure cycle counting mode
Programming	Recipe creation and test step configuration
Sealing System	High-pressure resistant sealing system
System Structure	Stainless steel body with pressure-resistant mechanical design

Optional (Not Included)

- Oil-based hydraulic system
- Water-oil emulsion system
- Glycol-based system