

Special Pump

Production by order

Hydraulic Pumps

■ Esperpack (simplified loading unit)

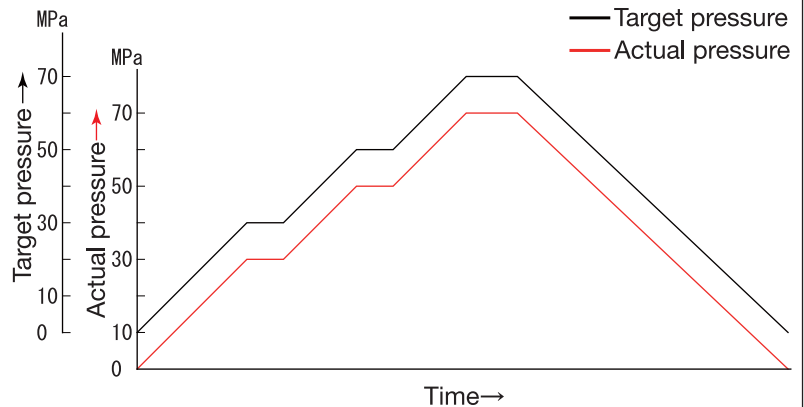
- The latest automatic control hydraulic equipment which enables the pressure to be not only adjusted but also controlled very precisely. Esperpack meets various demands, such as controlling the pressure linearly in proportion to time and maintaining the pressure precisely for a long time. Operation is also easy.
- Optimal for adjusted pressure control and constant value control for a long time.
- Any waveform can be controlled by assigning a target from the program set station.
- Compact for easy installation anywhere.
- No oil cooler and cooling piping are necessary. Easy to transport.
- Efficient, low-power consumption because hydraulic oil is not discharged more than necessary, unlike control by a relief valve.
- For more details, please request the exclusive catalogue.



■ Examples of applications

■ Destructive test ■ Creep test

Esperpack has a function to repeat patterns in the program set station (1 – 9999 times), and when the load or destructive test is conducted repeatedly, it can be repeated up to 361 steps continuously. The time of one step can be set in seconds. For safety, Esperpack also has a breakout function, which stops the unit automatically if the test specimen breaks.



■ Hot Press

When pressing is conducted while adding heat, the expansion and contraction caused by the heat could adversely affect the product. Since Esperpack automatically detects and corrects changes in pressure, the pressure can be controlled precisely even if the usage environment changes.

