

Hydraulic grip control oil power

HST Model HPU hydraulic Grip Supplies have been engineered for both performance and ease of use. There are two grip supplies and one grip intensifier to choose from.

STANDARD FEATURES INCLUDE:

- » Directional control valve for each grip
- » Center valve detent, allowing unparalleled control of over gripping
- » Continuous positive pressure design, providing high pressure stability over the entire operating range
- » Separate flow control valve for control of grip engagement speed
- » Independent grip circuits eliminate crosstalk.
- » Easy to maintain and service
- » Accommodate a wide range of electrical connections

MODEL HPU-21 STAND ALONE HYDRAULIC GRIP SUPPLIES

The HPU-21 units feature a self-contained hydraulic pump, a 1 kW (1 hp) electric motor, 18L fuel tank, a 10-micron absolute return line filter, and hoses for connection to grips. These units are furnished with individual directional control valves for upper and lower grips. The grip supplies use a special hydraulic fluid which allows the grips to be used in environmental chambers at elevated temperatures. They are designed to run continuously, which results in good pressure stability and easy adjustment of the output pressure. Grip closure rate is also adjustable. Since the grip supplies are self-contained systems, they allow the use of hydraulic grips on non-hydraulic test systems.

MODEL HPU-70 HYDRAULIC GRIP INTENSIFIER

The HPU-70 Hydraulic Grip Intensifier, which utilizes an innovative fluid-to-fluid intensification system, is used with grips that require a pressure higher than the normal system hydraulic pressure. Two versions are available with factory adjusted output pressures of 45 MPa (6,500 psi) and 69 MPa (10,000 psi). The output pressure is adjustable from 10 MPa (1,500 psi) up to the grip supply output rating. To minimize the set-up time of larger grips, a high volume upgrade kit is available.

