

500 kN (112 kip) INSTRON biaxial servo-controlled Testing Frame



Load frame: Cruciform custom made

Actuator: 4 actuators Model A484.116

- Static load capacity: ± 500 kN (± 112 kip)
- Dynamic load capacity: ± 500 kN (± 112 kip)
- Piston displacement: ± 50.8 mm (± 2 in.)

Hydraulic Power Supply: 503.13 series

- Volume capacity: 340×10^{-3} m³/min. (90 gpm)
- Pressure: 20.7 MPa (3,000 psi)

Grips: custom made

Controller: MTS FlexTest 100

- Control modes: position, load, strain I, strain II, in phase, out of phase
- Computer: PowerMac for both control and acquiring data from up to 16 channels using LabView software