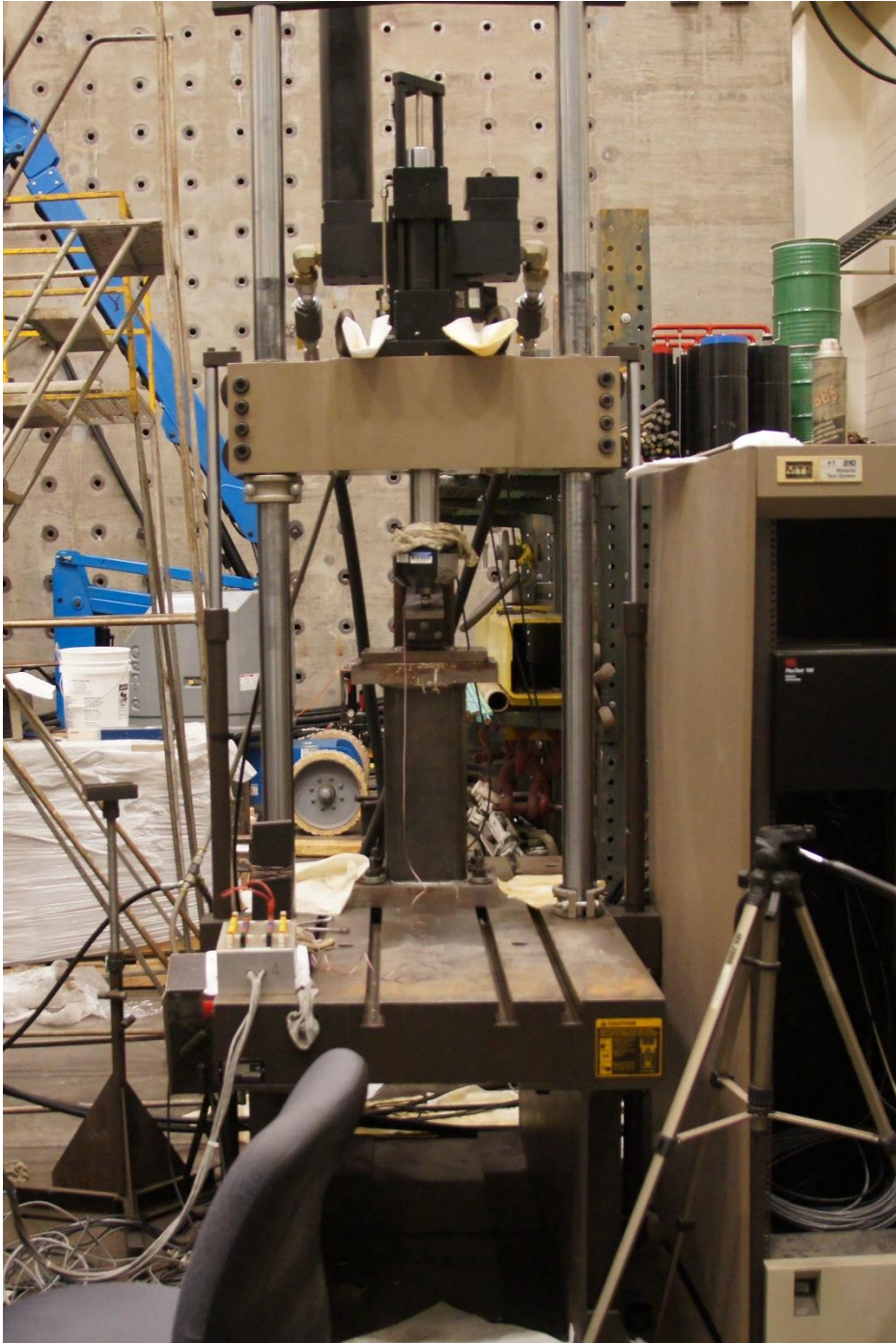


50 kN (11 kip) MTS uniaxial servo-controlled Testing Frame



Load frame: 309 series 4-pole system installed on the floor

- The cross head is driven manually
- Maximum length of specimen: 1.5 m (59 in.)

Actuator: 205 series

- Static load capacity: ± 50 kN (± 11 kip)
- Dynamic load capacity: ± 53 kN (± 12 kip)
- Piston displacement (stroke): ± 76.2 mm (± 3 in.)

Grips: no standard grips

Hydraulic Power Supply: 503.13 series

- Volume capacity: 4.4×10^{-3} m³/s (70 GPM)
- Pressure: 20.7 MPa (3,000 psi)

Controller: FlexTest 40

- Control modes: position, load, strain I, strain II
- Computer: Centris 650 for both control and acquiring data from up to 16 channels using LabView software