100 kN (22 kip) MTS- The Workhorse this machine is equipped with a mechanical test cryostat that enables testing of ASTM style specimens at cryogenic temperatures and can easily be converted back to the standard configuration for room or elevated temperature tests.

**Specifications**

**Controller**
- Flextest GT Controller,
- Single Axis Actuator
- Force/Displacement/Strain Control

**Software:**
- MultiPurpose TestWare
- TestWorks 4
- Fatigue & Fracture

**Cryostat:**
- Temp Range - 295 K to 4 K
- Sample Space - 115 mm dia x 430 mm long
- Dewar - 187 mm dia x 600 mm dp

**Performance:**
- Dual stage valve
- 150 mm stroke
- Load Cells 250 N – 100 kN
- Test Frequency = 20 hz