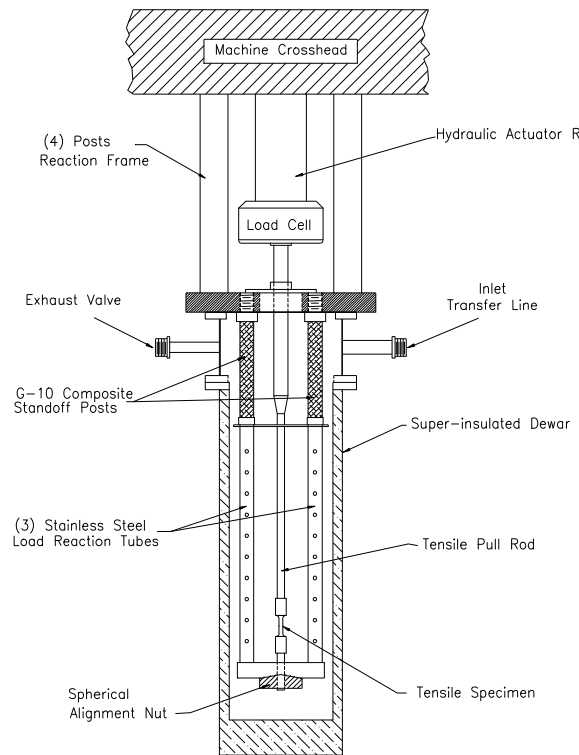


100 kN (22 kip) MTS- *The Workhorse* this machine is equipped with a mechanical test cryostat that enables testing of ASTM style specimens at cryogenic temperatures and can easily be converted back to the standard configuration for room or elevated temperature tests.



## 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