

SERVO HYDRAULIC FATIGUE TESTING MACHINE

Product Code: EKE SH.FTM

ENKAY Servo Hydraulic Fatigue Test Machine has been designed for various fatigue tests on different materials such as plastic, rubber, steel, fibre and more. Fatigue tests can be carried using this machine with high frequency and accuracy. The Fatigue test system is used in the steel, plastic, medical, automobile, furniture and many other industries.

Technical Specifications:

- ✓ Moog two stage dynamic servo valve with high flow rate and high step response
- ✓ Dynamic controller; 5kHz data acquisition or test controller; 10 kHz data acquisition
- ✓ LCD remote control console with emergency stop button
- ✓ Test & Motion Software with DynaPack or Test Software for all dynamic tests
- ✓ Fatigue-Rated load cell accuracy class $\pm 0.5\%$
- ✓ Non-contact MTS position sensor, accuracy 0.001 mm
- ✓ Accumulators for the best dynamic performance
- ✓ Piston stroke 300 mm (different stroke range available on request)
- ✓ Double acting, low-friction piston
- ✓ Capacities available: 50kN-100kN-300kN-500kN (Call us if you require a different capacity)
- ✓ Hydraulic, pneumatic and mechanical grips available on request
- ✓ Optional Video-Extensometer up to 4kHz
- ✓ High quality components are employed in the system.

