

# EXPERIMENTAL FACILITY FOR SMALL SCALE SPECIMEN TESTING COMMON FACILITY BUILDING, BARC

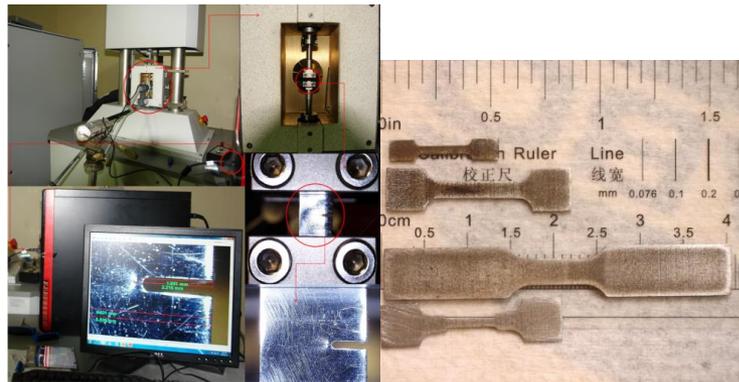
## DYNAMIC MECHANICAL ANALYZER (DMA)



*DMA is currently used to determine mechanical properties using small scale specimen tests on various types of specimens of metals and alloys under static and dynamic loads.*

### Features

- **Static load: 5KN, Dynamic load: 2KN**
- **Temperature range: -150 to 500 °C**
- **Types of tests: Tensile, compression, 3&4-point bending**
- **Static tests: Mini tensile tests, Small punch tests (SPT)**
- **Dynamic tests: Fatigue tests on miniature SENT specimens**



**SMMS, RSD, RD&DG**