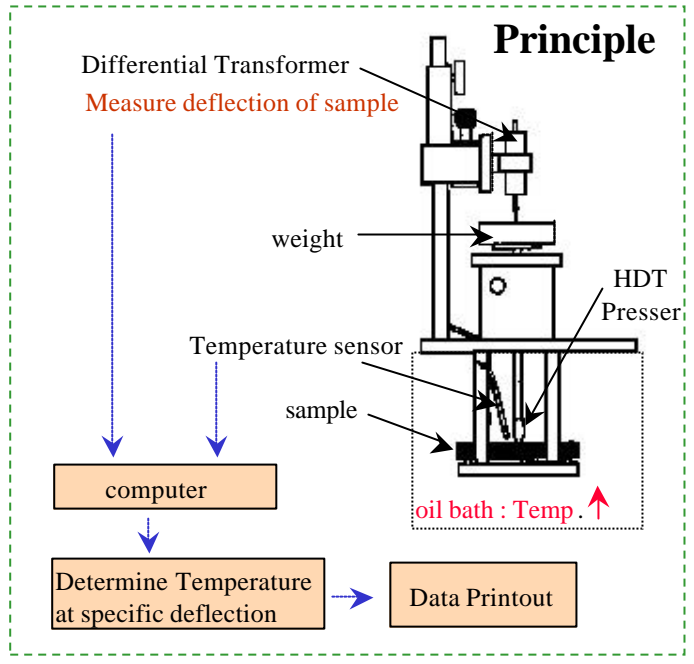
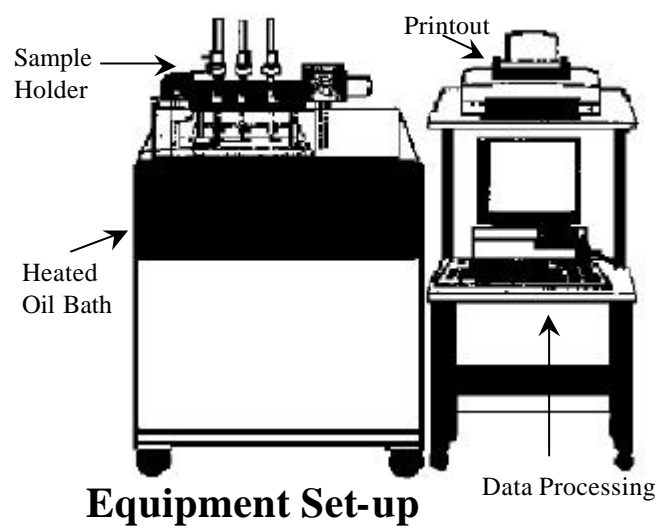


Heat Deflection Temperature Tester

● Principle ~ Setup



● Equipment capability

Information	Sample Type	Sample Quantity	Displacement Detection Range
Temperature at which material reach a specific Deflection	Solid [Thermoplastics & Thermosets]	1 ~ 6 samples [Each test run]	0 ± 4 mm

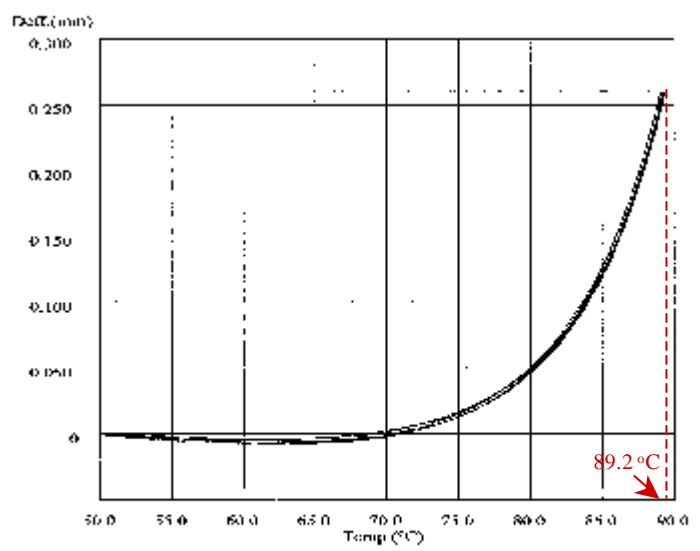
● Analysing example ~ Determine HDT of ABS sample

Test Condition :

- Weight : 1273.12 g
- Oil Bath Heating Rate : 120 °C/h
- Sample size : 6.4mm x 12.7mm
- Specific Deflection : 0.26 mm

Analysis Results :

ABS sample 0.26 mm deflection at an average temperature of 89.2 °C



Graph showing changes of sample deflection with increasing temperature