



# VICAT SOFTENING TEMPERATURE & HDT TESTING MACHINE

## TVHT-A10

## Vicat Softening Temperature & HDT testing machine TVHT-A10

Vicat softening temperature & HDT testing machine TVHT-A10 with light weight and compact design, is adopted with advanced PID technology & photoelectric technology to control rise in temperature. Mainly used for the determination of temperature of thermal deformation (deflection) & Vicat softening point of nonmetallic materials such as plastic, rubber, insulating materials. It is in accordance with international ISO, ASTM standards.

### Features

- Adopted with high precision temperature sensor
- Protection against over temperature
- Adopted with advanced PID technology & photoelectric technology
- Ensures error of heating speed is less than 0.5°C
- Software protection
- Digital dial gauge for accurate measurement

### Applications

Vicat softening temperature & HDT testing machine is used in chemical & plastic industry, research institutes.

### Specifications

Model no.	TVHT-A10
Operating temperature	Ambient temperature to 300 °C
Heating rate	50 °C/ h (5 ± 0.5 °C/ 6 min), 120 °C/ h (12 ± 1 °C/ 6 min)
Maximum temp. error with heating speed	± 5 °C under 50 °C/ h, ± 1 °C under 120 °C/ h
Range of deformation	0 to 10 mm
Deformation measurement method	Digi gauge
Deformation accuracy	0.01 mm
Test station	3 stations
Heating medium	Methyl silicon oil
Cooling method	Wind cooling, neutral cooling, fast water cooling
Power supply	AC220V, 50 Hz