



Vicat softening temperature & HDT machine LD-TVHT-A10

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Overview

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:

Heating rate	50°C/ h ($5 \pm 0.5^{\circ}\text{C}/ 6 \text{ min}$) , 120°C/ h ($12 \pm 1^{\circ}\text{C}/ 6 \text{ min}$)
Power supply	AC220V, 50 Hz
Test station	3 stations
Cooling method	Wind cooling, neutral cooling, fast water cooling
Heating medium	Methyl silicon oil
Deformation accuracy	0.01 mm
Range of deformation	0 to 10 mm
Operating temperature	Ambient temperature to 300°C
Deformation measurement method	Digi gauge