



**Vicat softening temperature & HDT machine  
LD-TVHT-A10**

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# Vicat softening temperature & HDT machine LD-TVHT-A10

## 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  $0.5^{\circ}\text{C}$
- Software protection
- Digital dial gauge for accurate measurement

## Applications:

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

## Specifications:

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