

Heat Deformation - Vicat Softening Testing Machine

**Equipment Description:**

EI-1708A Vicat Softening point measuring instrument is adapt to the rapid development of plastic industry and improve the level of research and testing of materials, using the latest international and national standards; The system controlled by microcomputer, four figures, three-way figures show the displacement and deformation temperature. Tank temperature show host way. Equipped with a printer, can print test results, simple operation, high automation, non-metallic materials used for the deformation and softening temperature detection.

Standard:

1. ISO75 "Plastics - Determination of temperature load deformation"
2. ISO306 "Plastics - Thermoplastic Determination of Vicat softening point temperature"
3. GB/T1633 "thermoplastic Determination of Vicat softening point temperature"
4. GB/T1634 "Plastics - Determination of temperature load deformation"
5. ISO2507, GB/T8802 "thermoplastic pipes, fittings Vicat softening temperature" design made

Applicable Industry:

Widely used in plastic chemical companies and research institutions.

Technical Parameter:

Model	EI-1708A
Temperature range	Room temperature ~ 300°C
Heat rate	120±10°C/H (12°C±1°C/6min)
	50±5°C/H (5°C±05°C/6min)

ECO INSTRUMENT (NS0081046-M)

Temperature error	$\pm 0.5^{\circ}\text{C}$
Deformation error	$\pm 0.01\text{mm}$
Minimum temperature resolution	0.1°C
Minimum resolution deformation	0.01mm
Load range	$0.75\text{N} \sim 50\text{N}$
Load error	$\pm 2.5\%$
Span test frame	$60 \sim 120\text{mm}$ Continuously adjustable
Heating power	3KW
Supply voltage	AC220V/50Hz, 20A
Heating medium	Methyl silicone oil or transformer oil
Cooling	1 Air above 150°C , 150°C the following water or natural cooling
Place for the side	
Dimension	$6.1 * 14$ (W*H)
Span	100
Deformation	0.23
By B weight	
Quality of 1464 grams weight H	
Heating rate of 120 degrees / hour	