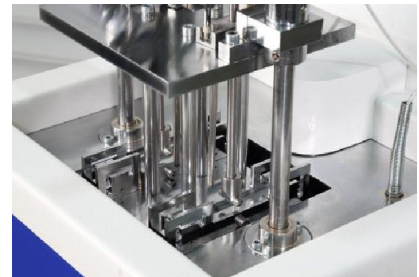




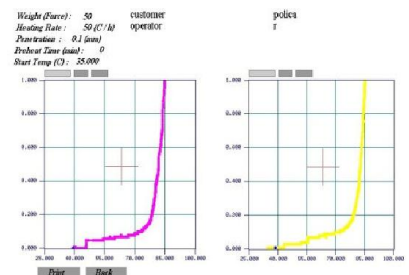
The **HDT/Vicat** apparatus allows for multiple simultaneous testing of sample depending on the amount of test stations available. The simple manually operated raise and lower function of the test stations ensure easy access to the test sample support for sample loading and retrieval and after each test. Each test station is fitted with a PT100 platinum resistance thermometer and separated one to control temperature. We design on board microprocessor with 7" touch screen provide simple screen to enter parameters and get result and Curve of Data recording for each station base on Temp. VS Time, penetration (Deflection) VS Time and penetration VS Temp.



HDT Test Needle



Vicat Test Needle



Vicat Test Report

HDT/Vicat

Number of sample stations	2
Temperature range - °C	Up to 300°C
Temperature resolution - °C	±0.01°C
Temperature ramp rate - °C	50°C/120°C
Digital Transducer Resolution - mm	0.01mm
HDT span support - mm	64mm/100mm
Bath capacity - lit	8 lit
HDT heads	1 per station
Vicat nibbles	1 per station
Special oil bath stirrer guarantee uniform temperature	
Manual Raise/Lower of test stations	
Solenoid operated cooling system	
Integrated safety thermostat	
Standard weights	
Supplied USB flash memory to record test report	

Oil Bath

Temperature range	Ambiant-100°C
Temperature accuracy	±0.2°C
Resolution	0.1°C
PT100 PRT sensor accurate	0.1°C
Number of glass tubes	10
PID electronic temperature control	
Integrated stirrer motor	
Stainless steel liquid bath	
Sample specimen holders (stainless steel)	
Stirrer motor system to ensure temperature stability	