



EIE INSTRUMENTS PVT. LTD.
(An ISO 9001:2015 Certified Company)

RING AND BALL APPARATUS - FULLY AUTOMATIC OPERATION - (ASTM D36)-



The fully automatic ring and ball capable to conduct the entire test automatically. You just have to place samples and press start button, everything else will be taken care off by the Instrument itself. Machine is capable to conduct the test with water and glycerin. Automatic rise of the temperature at 5°C per min. The Instrument will stop automatically once the ball touches the bottom of the stand and freeze the temperature at that time.

Compliance with Following International Standards:

EN 1427 | ASTM D36 | AASHTO T53 | IP 58 | IS 1205

Introduction:

Also called Softening Point Apparatus. This apparatus is meant for determination of softening point of bituminous materials according to listed ASTM & IP Standards.

Features :

1. Touch Screen Operation
2. Freezing of Softening Point on ball touching the bottom of the stand
3. Temperature Resolution : 0.01°C
4. Uniform Temp. Rise @ 5° to +/- 0.5°C as per BIS 1205
5. Easy to use
6. Capable to use with water (25 to 80°C) and with glycerin (80 to 157°C)
7. Last 10 readings can be stored and viewed in the touch screen controller
8. Saved reading can be transferred to computer in excel file through USB port.

9. The display will show the reading of both the rings with the average of the both.
10. The machine is equipped with the magnetic stirred for uniform temperature in glass beaker
11. The machine is equipped with lead screw mechanism for the up down of the sample. By one touch the sample can be moved in side the beaker at the testing position and by one touch can come to the home position for cleaning and changing of the samples.

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