

AUTOMATIC SOFTENING POINT TESTER

Model RSP-102 (Ring and Ball Method)

RIGO



FEATURES

This model has realized automatic operation of Softening Point testing procedures for petroleum asphalt. Two samples can be tested at once. The data measured can be printed out by an optional digital printer.

- Diagnostic capability for abnormal data
The category below is considered an abnormality, which is displayed as <ABNORMAL DET>.
 - in the case that the difference between the values obtained in two determinations exceeds 1° C.
- Diagnostic operation for system disorders
On the following phenomenon, the system stops the test, and indicates on the panel the relevant alarm messages, with electronic alarm sound.
 - Disconnection of sample temperature detector : displayed as <SAMPLE Pt OFF>.
 - Disconnection of softening point detector: displayed as <DETECTOR EMERG>.
 - Disconnection of heater: displayed as <HEATER OFF>.

SPECIFICATIONS

- Testing method : ASTM D36
- Number of unit : 2
- Measuring range : 5~80° C/ 80~200° C, 2 ranges
- Temp. detection : Platinum resistance probe (Pt100Ω)
- Softening point : Photo-electric detection
- LCD panel : Input of various conditions by 10 key; Test data is displayed on the LCD panel.
- Temp. control: : PI control
- Temp. Rising : 5±0.5° C/min.
- Heater : Micro-heater, 500W
- Stirrer : Magnetic stirrer
- Interface : 8 bit parallel (for printer) and RS232C
- Power Supply : AC 100V. 10A, 50/60Hz
- Overall Dimensions
 - Test unit : 172(W) X 230(D) X 260(H) mm
 - Control unit : 85(W) X 310(D) X 180(H) mm
 - Input/output unit : 250(W) X 135(D) X 30(H) mm
- Weight : Approx. 10kgs

- ◆ **Standard Accessories :**
Heating bath (1 set.), Shouldered ring (2 pcs.), Ball centering guide (2 pcs.) & Ball (6 pcs.)

XEBEX

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