



**LSPT-A10**

**Automatic Softening Point Tester**

## Automatic Softening Point Tester LSPT-A10

Automatic softening point tester LSPT-A10 is a bench top microprocessor controlled analytical unit that determines the softening point of two samples at once. Operated via touch panel it uses ball and ring apparatus for reliable detection. Designed as per Test methods of Bitumen and Bituminous Mixture for Highway Engineering and ASTM D36 Standard test method for Softening of Bitumen (Ring-and-Ball Apparatus) it is ideal for determining the softening points of petroleum asphalts, coal pitch, liquid petroleum asphalt, etc.

### Features

- Microprocessor controlled compact structure
- Automatic stirring, linear heating and test result detection
- High temperature resistant glass made beaker
- LCD display
- Dual sample simultaneous softening point detection
- Automatic print of test results
- Light touch panel
- Connects easily to PC

### Applications

Used in asphalt manufacturing companies, highway and bridge construction companies, laboratories, universities, scientific research institutes, etc.

### Specifications

Model	LSPT-A10
Measurement range	32 °C ~ 160 °C
Ambient temperature	35 °C
Temperature resolution	0.01 °C
Beaker volume	1000 mL
Relative humidity	≤85%
Heating power	600 W
Total power consumption	≤ 700 W
Power supply	AC 220V ( -5 % ~ 10 % ), 50 Hz

## Standard accessories

Sr. No	Name	Unit	Quantity
1	Automatic Softening Point Tester	Set	1
2	Steel ball locator	Piece	2
3	Steel ball	Piece	2
4	Shoulder ring	Piece	2
5	Beaker	Piece	1
6	Stirring bar	Piece	1
7	Temperature sensor and cable	Piece	1
8	W-line	Piece	1
9	Fuse 6A ( $\Phi$ 5 × 20 )	Piece	2
10	Software CD	Piece	1
11	Printer paper	Roll	1
12	Glycerin ( 1000 ml )	Bottle	2
13	Softening point thermometer ( 30 ~ 180 ) °C, scale mark 0.5 °C	Piece	1
14	Bracket box	Piece	1
15	Thermometer stopper (3#)	Piece	1
16	Stopping ring for thermometer (1#)	Piece	2
17	Operation manual	Piece	1
18	Quality certificate	Piece	1
19	Product Warranty Card	Piece	1
20	Micro printer installation usage	Piece	1

## Standard accessories

No.	Name	Quantity
1	Glycerol	500ml ( 1 bottle )
2	Bitumen solvent	2L / bucket
3	Talcum powder	500 grams
4	Scraper	1 piece
5	Hairbrush	2cm width ( 2 pieces )
6	Electric furnace	1000 W ( 1 piece )