

**VERTEX SCIENTIFIC & LAB INSTRUMENTS CO.**

(Regd.) : 38/A, Street No.3 Ambedkar Nagar, Haider Pur, Delhi-110088(India)

(Corp.): A223, Ground Floor, Near by Bank of Baroda ATM, Karam Pura Delhi-110015

(Tel.) +91-9999 5737 81 / +91-9999 5737 85 (Email) info@vertexinstruments.com

(Web) www.vertexinstruments.com / www.vertexscientific.com / www.soiltestinginstrument.com

## BITUMEN EXTRACTOR, ELECTRICALLY OPERATED



**MODEL NO: VSLIC-B114 | MAKE: VERTEX | ORIGIN: INDIA**

**Complies with following International Standards:**

ASTM D2172, AASHTO T58, T164

**Application:**

This is used for a quantitative determination of bitumen in hot mix paving mixtures and pavement samples.

**Construction Details:**

1. Safe & Portable model of sufficient size for quick and accurate determination of bitumen.
2. Corrosion-resistant model which can be used both in the field and the laboratory.
3. Consists of a removable cast aluminum rotor bowl mounted on a vertical shaft.
4. A filter paper disc is pressed in between the nut.
5. The bowl assembly is enclosed in a housing mounted on a cast aluminum body.



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6. The gears operate in oil bath with splash lubrication.
7. Special model with Flameproof Motor, DC-Motor drive and electronic speed control and Energy Regulator RPM Indicator

### Salient Features:

1. Flameproof Motor
2. Electronic Speed Control
3. Facilitates precise speed control
4. Offers Vibration free smooth operation
5. With a brake control for rapid deceleration
6. Internal wiring as per CE Standards
7. Safety label as per CE Norms
8. Bowl Capacity: 1500 grams
9. Variable speed: 50-3600 RPM
10. Power Supply: 220 Volt, 50-60 Hz, Single Phase, AC Supply
11. Removable Aluminum integral cup for adding solvent
12. All parts of the body are seamlessly argon welded
13. Essential parts of the instrument are hard chrome plated
14. Energy Regulator RPM Indicator continuously.

### Essential Accessories at Extra Cost:

1. Filter paper - Box of 100
2. Electronic Balance (Capacity: 6000 gms, Accuracy: 0.1 gm)
3. Electronic Balance (Capacity: 5000 gms, Accuracy: 0.01 gm)
4. Benzene or Toluene to be procured locally.
5. Animated Video CD with Commentary on the Working of the Instrument can be Provided at Extra Cost
6. The Video CD Covering Demonstration of 15 Different Instrument on Bitumen & Aggregate Testing can be Provided at Discounted rate

### Technical Specification

- Overall Dimensions : 460 X 490 X 610 (L X W X D) mm
- Weight (Approx.) : 40 Kgs Approx.

