



IF IT'S WORTH BUILDING, IT'S WORTH TESTING

# Contents

[www.ele.com](http://www.ele.com)  
+44 (0) 01525 249 200



This wishlist was generated on 30/11/2017, and contains the following Products:

---

47-3025

**Travelling Beam Device**

---

46-6100/01

**Asphalt Binder Analyser 220-240V 50/60 Hz**

---

45-3815/01

**Rotatest 3000**

---

45-3807

**Filter Discs Pack of 100**

---



## Travelling Beam Device

Code: 47-3025

Product Group: Travelling Beam Device

The 3 metre long Travelling Beam Device is used to check for any irregularities in both concrete and bituminous road surfaces. A sensing unit comprising a wheel connected to an indicator provides a magnification of 4:1.

Deviation of the surface from a straight-line is shown on a scale calibrated in increments of 2 mm up to 10 mm and 5 mm up to 25 mm. A dye-marker is fitted which may be used to identify suspect areas. Outrigger wheels provide mobility on site. The device is supplied as three sub-assemblies which are quickly assembled on site. The Travelling Beam is supplied fitted with an autographic recorder providing a permanent record of the surface profile. Records up to 1 kilometre can be recorded on the special chart paper rolls used.

## Standards

EN 12697-32, EN 13280-4, BS 598-104

## Further Information

\*\*NOT AVAILABLE FOR SALE IN THE USA\*\*

## Accessories



### Charts for Autographic Recorder

Code: 47-3130

## Spares/Consumables



### Fibre-tipped Pen

Code: 47-3131





## Asphalt Binder Analyser 220-240V 50/60 Hz

Code: 46-6100/01

Product Group: Ignition Method

Designed to measure the asphalt binder content of hot mix asphalt (HMA) using loss on ignition, in accordance with AASHTO T 308-10, ASTM D6307-10 and BSEN 12697-39:2012.

### Further Information

The integral microprocessor controlled weighing and calculation system is configurable to allow variations to the standard test method. Test result reports are available in both printed and software format. The high temperature afterburner minimises the production of noxious waste fumes. Supplied complete with 2 sets of sample baskets.

#### Features:

- Designed to measure asphalt binder content by loss on ignition
- Avoids health, environmental and waste management issues
- Avoids the expense associated with older solvent extraction methods
- Reduced emissions due to high temperature afterburner
- Controlled via a multi-lingual touchscreen interface
- English, Spanish, French, Chinese, Italian and Russian language display
- Other languages are available to order
- Automatic calculation of final sample weight and binder % result
- Adjustable aggregate correction factor
- Average test times from 20 mins for 6 mm aggregates, to 45 mins for 40 mm aggregates
- Permanent (dot-matrix) printed reports
- USB data output compatible with most spread sheets
- Easy naming, storage and recall of recipes that can be transferred between units
- Simplified menu structure with secure 'Supervisor' and 'Operator' settings
- Metal waste gas extraction pipe
- Factory fitted thermocouple access port, if temperature calibration is to be carried out
- Precise weight measurements, displayed to 0.1g resolution
- Capacity for large sample sizes for more accurate results (max. sample is 4.5kg)

### Specification

Max Temp (°C)	750
Dimensions: Internal (HxWxD)	220 x 450 x 350 mm
Dimensions: External (HxWxD)	980 x 600 x 775 mm

# Product Sheet

[www.ele.com](http://www.ele.com)  
+44 (0) 01525 249 200



Type  
Thermocouple type  
Max power (W)

Bench-top  
K  
8000



## Rotatest 3000

Code: 45-3815/01

Product Group: Asphalt Centrifuge Extractors

Centrifuge extractor used to determine the quantitative amount of bitumen in bituminous paving mixtures. Variable speed control from 0 to 3600 rpm through the front panel mounted control knob and brake control included for rapid deceleration.

Precision machined aluminium removable cover with integral cup for adding solvent, with sealed cast aluminium housing.

For 220 V AC, 50 - 60 Hz, 1ph.

## Standards

EN 12697-1, ASTM D2172, AASHTO T164

## Further Information

**\*\*NOT AVAILABLE FOR SALE IN THE USA\*\***

3000 g capacity. Supplied with 100 Filter Discs. For 220 V AC, 50 - 60 Hz, 1ph.

## Accessories



### Bowl - 2.5 litre

Code: 81-5020



### Desiccator - Non-vacuum

Code: 82-2100





## Evaporating Dish - 100 x 40 mm

Code: [82-1970](#)



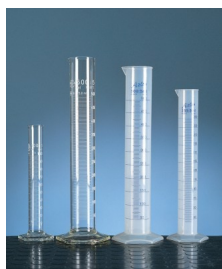
## Filter Discs Pack of 100

Code: [45-3807](#)



## Hotplate

Code: [78-2950/01](#)



## Measuring Cylinder - Glass 100 ml

Code: [82-0380](#)



## Measuring Cylinder - Glass 1000 ml

Code: [82-0500](#)





## Sample Tray - 306 x 306 x 38 mm

Code: [81-4020](#)

---



## Silica Gel

Code: [82-7091](#)

---



## Volumetric Flask - 100 ml

Code: [82-1000](#)

---



## Volumetric Flask - 1000 ml

Code: [82-1060](#)

---

## Alternatives



## Muffle Furnace

Code: [83-4170/01](#)

---

# Product Sheet

[www.ele.com](http://www.ele.com)  
+44 (0) 01525 249 200



## Rotatest 1500

Code: [45-3810/01](#)



## Filter Discs Pack of 100

Code: [45-3807](#)

Product Group: [Asphalt Centrifuge Extractors](#)

295 mm internal diameter with a 44 mm diameter hole.

## Standards

EN 12697-1, ASTM D2172, AASHTO T164

## Further Information

**\*\*NOT AVAILABLE FOR SALE IN THE USA\*\***