

Conical Mandrel Bending Tester

BEVS 1605

User Manual



Version 201412

This manual shall be read carefully before starting. Directions included in this operation manual shall be strictly followed.

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1 Company Profile

BEVS Industrial Co., Ltd. is a leading manufacturer that specializes in coatings, ink, painting, resin testing instruments and laboratory whole solution.

We offer the complete and unique products in this field to meet customer's challenging demands of today and tomorrow, the products are complied with the standards of ISO, ASTM, DIN, BS, EN etc.

With strong supports and hard work by lots of end-users and worldwide agents, BEVS become more and more famous in the world and provides more competitive values for our customers.

2 Introduction

2.1 Product Introduction

A very robust mechanical unit for determining the elasticity, adhesion and elongation of dried paint on sheet metal. It can be used in accordance with: GB11185-89、ISO 6860-1984、ASTM D522

The maximum width of the sample can be 70mm.

BEVS1605 conical bending tester is made of stainless steel and high-quality steel, have compact and firm structure, is suitable for desktop use, have simple and quick operation.

2.2 Specifications

Size: 280*280*95mm (L*W*H)

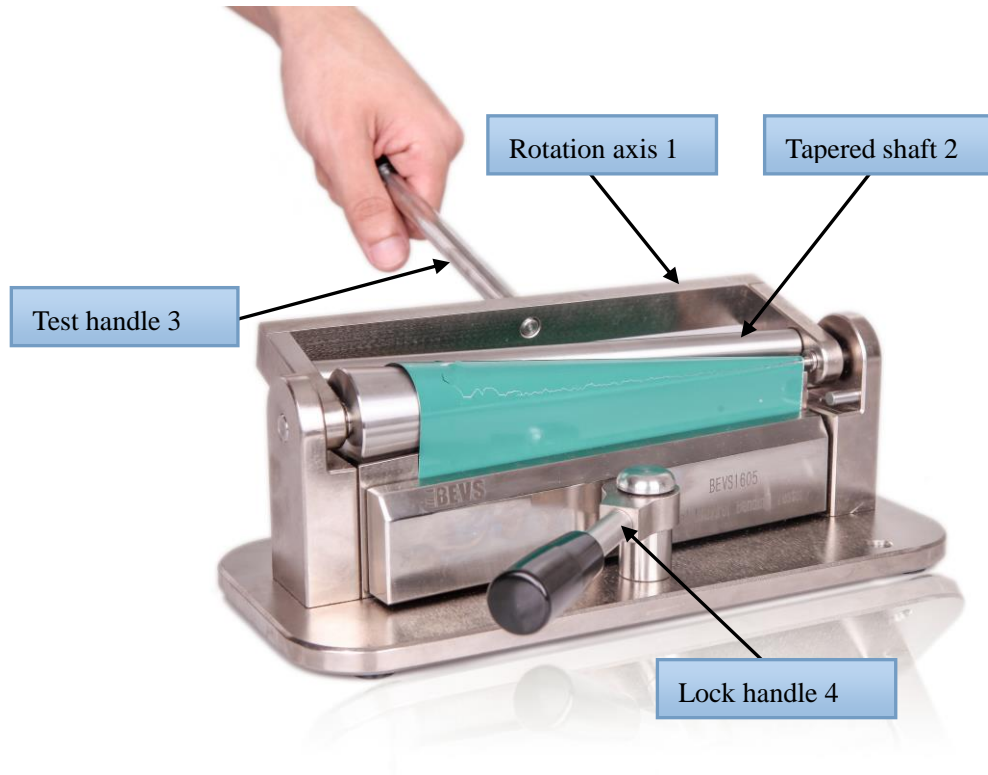
Gross Weight: 8Kg

The size of the cone axis: small end : $\varnothing 1$;big end: $\varnothing 8$, length : 203 mm

Thickness of sample: steel: max. 1mm; aluminum alloy: max.2mm plastic: max. 3mm;

The maximum of sample size: 200*100mm

2.3 Construction



3 Product Usages

3.1 Insert the test sample into the Rotation axis, making the film side face the axis. The short side touches the Tapered shaft 2.

3.2 Turn to the left of the lock handle 4, locking the plate tightly.

3.3 Then turn the Test handle 3 of the rotation 180 DEG.

3.4 Check the paint film status of crack or fall off from the test plate, reading the diameter. The scale number marked in the crack place shows the taper shaft diameter.

4 Attention

4.1 The thickness of test model cannot exceed the allowance of the device.

5 Packing List

| | |
|-----------------------------|-----|
| * Main Machine | 1pc |
| * Conformity of Certificate | 1pc |
| * User Manual | 1pc |



6 Order Information

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