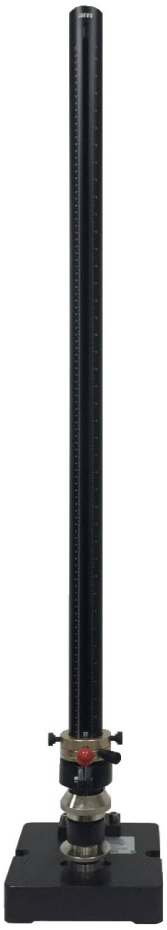
IMPACT TESTER

BEVS 1601/3

User Manual



Version 201512

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

Add: Floor3,Building A,No.257,Junye Road,Huangpu District,Guangzhou,China
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Content

1 Company Profile

2 Product Introduction

3 Operation

4 Routine Maintenance

5 Packing List

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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. Product Introduction

Many surface coatings are subject to the risk of damage by impact. Falling-weight testers (Tubular Impact Testers) allow reproducible conditions of impact to be defined. The BEVS1601/3 allows pass/fail limits to be established and a classification of the coating to be achieved.

The BEVS1601/3 Tubular Impact Tester is designed to conform to BS3900，DIN55669，ISO6272 Falling Weight Test. We advise customers to obtain and maintain an up to date copy of the relative specification.

Main features:

Falling weight (Impactor/indenter) 1kg
Indenter diameter Φ20
Die (Anvil) diameter Φ27
Drop height 100cm
Dimension220*220*1300mm
Net Weight 10kg

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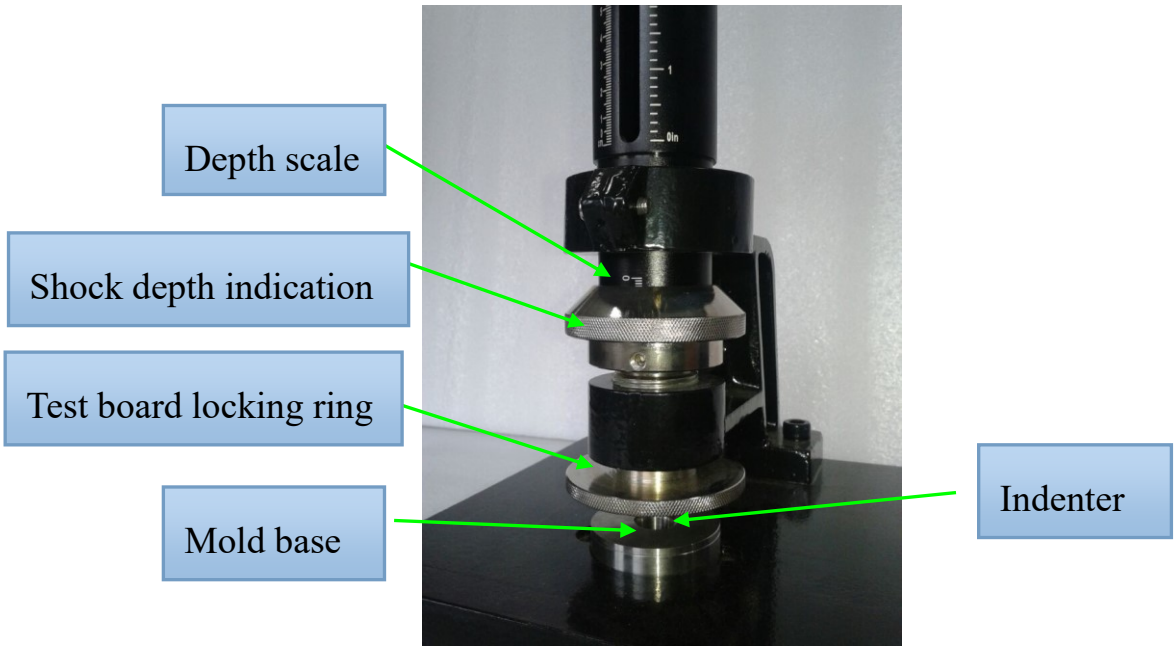
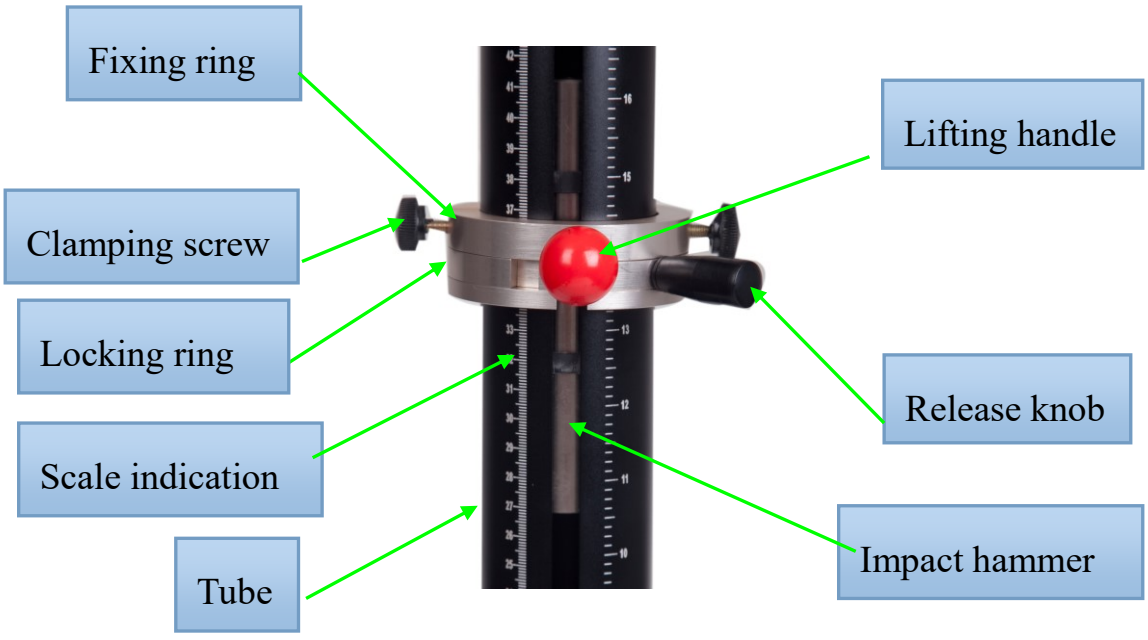
Structure:





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3. Operation

3.1 Determine if coated face is to be up or down or both.

3.2 Set height for impactor to drop, by loosening the two small knurled clamp screws either side of the release mechanism mounted on the tube, and slide to the required height (the lower face of the mechanism is the datum face), then tighten the two screws.

3.3 Raise the falling weight using the falling weight lifting knob, rotate the release ring handle to capture the falling weight at the required height.

3.4 Rotary impact depth indication ring into the die holder to the desired depth.

3.5 Loosen the test board locking ring, put test board onto the mold base, and then lock test board.

3.6 Stubbs release handles, so that the impact hammer to free-fall impact test board.

4. Routine Maintenance

4.1 When instrument is not in use keep anvil lightly oiled to prevent corrosion.

4.2 Keep instrument clean.

4.3 Check fixing bolts are still secure.

4.4 Check falling weight lifting knob and handle are secure.

4.5 Check clamp pads are still serviceable.

5. Packing List

* Host 1
* Mold base 1
* Impact hammer 1
* Collar group 1 set
* Certificate 1
* Manual 1

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