

Automatic Bond Strength Tester

BEVS 2209



Introduction

BEVS 2209 Automatic Bond Strength Tester is used to test the bond strength of materials, such as exterior wall facing tiles, mosaics, exterior wall insulation materials, various boards, paints and other materials bonded to the wall or the ground, concrete etc. The instrument is a small automatic hydraulic force measuring device. When testing the bonding strength, the pull-off test is automatically performed on the surface through the three-point stand.

Features

- Large touch screen operation
- Built-in rechargeable battery
- Automatic test
- Maximum pulling force can be set
- Test force value and holding time can be set
- Automatically stop when the set force is reached
- Strength up to 10Mpa for dolly/test block 50 x 50mm
- Can set a fixed pulling rate
- Adjust the pulling angle through the foot screw
- Data save and quick view
- USB transfer data
- 4 different sizes of test block/dolly for selection
- Real-time display of measurement data and curve
- Real-time display of pulling rate
- Real-time display of environment temperature and humidity
- Auto reset when test done

Technical info

- Resolution: 0.01Mpa (1psi)
- Display panel: capacitive touch screen
- Power supply: Built-in replaceable rechargeable battery
- Host dimension: L280 x W90 x H165mm
- Three-point dimension: L148 x W148 x H238mm
- Net weight: 10kg
- Accuracy: $\pm 1\%$ of full scale
- Built-in multiple dollies for selection: 40 x 40mm, 50 x 50mm, 45 x 95mm, 100 x 100mm
- Unit: Mpa, psi
- Pulling rate: 0.2-0.4Mpa/s, depending on dolly
- Charging adapter: DC12.6V, power: 65W

Standard

- JGJ110-2017 Inspection Standard for Bonding Strength of Facing Bricks in Construction Engineering
- JG158-2013 Adhesive Polystyrene Particle External Wall External Insulation System
- JGJ144-2019 Technical Specification for External Thermal Insulation Engineering of External Walls
- JGJ126-2015 External Wall Facing Brick Engineering Construction and Acceptance Regulations
- JG149-2006 Expanded polystyrene board thin plaster external wall external insulation system

Order Info

BEVS 2209 Automatic Bond Strength Tester