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# ISF-V10A/V10D
# MANUAL VERTICAL TEST STAND FOR FORCE GAGES OPERATION MANUAL

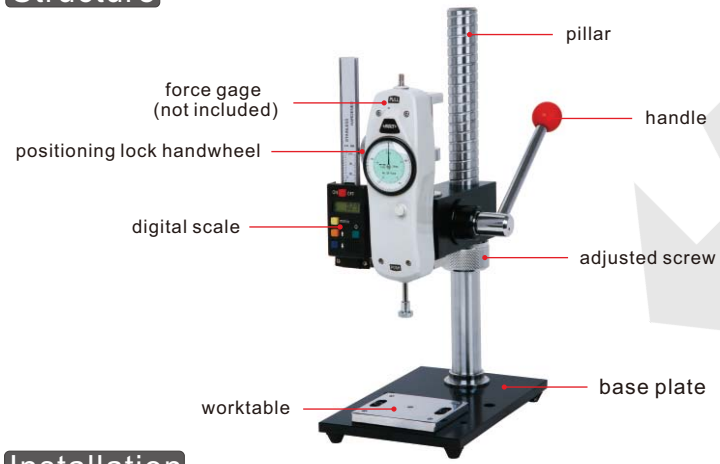
V0

## Introduction

The manual vertical test stand for force gages is specially equipped for ISF-F series dial force gages and ISF-1DF and ISF-DF series digital force gages. It is suitable for various industries and scientific research institutions for tension and compression load test, insertion force test, destruction test and other tests. The stand adopts gear pair transmission, manual operation, the vertical height of the stand can be adjusted, and it has a positioning structure for moving up and down. It has the the characteristics of manual operation, simple and stable, fast and efficient, and suitable for batch testing.

- Load capacity: 500N
- Travel: 70mm
- Dimension: 152x235x425mm
- Weight: 10. 7kg

## Structure



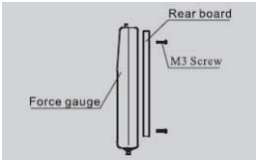

## Installation

1. The test stand can be used on various working tables. It also can be fixed on the table to be more stable by the holes and screws on the base as tests require.





2. Installation of force gage: Use the screws matched with the force gage to pass through the counterbores on the back of the rear board and screw into the screw holes on the back of the force gage, then tighten the screws.




## Usage

1. According to the characteristics of the sample to be tested, place or install it on a suitable position on the worktable.
2. Adjust the height by loosening slider lock handle.
3. Install the force gage and suitable clamps on test stand.
4. Press handle, let force gage press to the testing material steady.
5. When you make batch test, please tighten the positioning lock handwheel after adjust the test height, then control the travel distance and you can test it rapidly.

## Maintenance

1. This test stand has a rated load of 500N, please do not use it with overload; otherwise, it will damage the test stand and may even cause danger.
2. Handle lightly during use or moving.
3. Do not use this test stand near the water, oil or other liquid.
4. Please use a soft cloth to clean the test stand, soak the dry cloth in water soaked with detergent, wring it out, and then remove dust and dirt. Do not use easily dispersible chemicals, such as volatile oil, thinner, alcohol, etc.
5. Do not disassemble, repair or modify this test stand by yourself, as these actions may cause permanent failure.