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OPERATION MANUAL

**Model ISF-MTD500 and ISF-MT500
MANUAL VERTICAL TEST STAND**



1. Functions and characteristics

ISF-MTD500 and ISF-MT500 wheel manual test stand, especially designed to match force gauge, is applied in every trade and scientific research organization for testing, such as tension and compression test, in sertion and withdraw test and fracture Test. Reading the exact displacement by ruler; Its specialities are T-screw transfer, manual operation, stability, vertical and horizontal using.

2. The installation of the test stand

(1) It can be put on various working tables to use. You can get correct testing value by using 7 adjusted screws to keep the test stand in balance.

You can also fix the test stand on the worktable to make it more steady. You can install the test stand as your request when testing. Please refer to the dimension in the picture to install:

- Vertical installment by using 4-M4 screw on the footwall (Fig.1)
- Vertical installment by using 2- 7 holes on the footwall (Fig.2)
- Horizontal installment by using 2-M4 screws on the footwall and M6 screw on the beam of test stand (Fig.3)
- Rear dimension of installment (Fig.4)

(2) Installment of analog force gauge: take off 4 units of M3*8 screw bolts on the back of the gauge then use 4 M3*14 bolts and install the push pull gauge onto the test stand.

(3) Installment of digital force gauge: install it on to the test stand by using M 3*8 screw bolts.

3. Measurement

First put or install the tested workpiece on a suitable position of the working table in accordance with the sample's characteristics, then move the handwheel of the test stand, as a result, the test stand can move up and down to complete the test.

Digital scale (only for ISF-MTD500)

OFF: power off the scale

ON/0: power on the scale or set zero

↑: increase the number

↓: decrease the number

4. Maintenance

(1) No overload. The max. load is 500N.

(2) Keep all components clean.

(3) when it is operating improperly, please pour a little lubricant between the rod and copper set. Please contact manufacturer or local seller if there is something wrong with the test stand.

(Please don't disassemble or repair it by yourself, if not allowed.)



Fig. 1

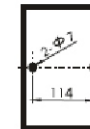


Fig. 3

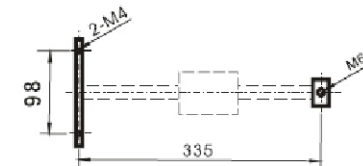


Fig. 2

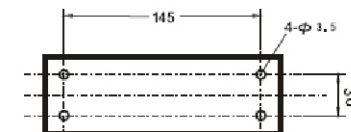


Fig. 4