

Ver 1.0

**MODEL : DSR**

Wheel manual Test Stand

# USER MANUAL



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We thank you for using our product. Please refer to this manual or contact our office if you find any problems during using our product. And please read this manual prior to handle the device without fail.

## 1. Function

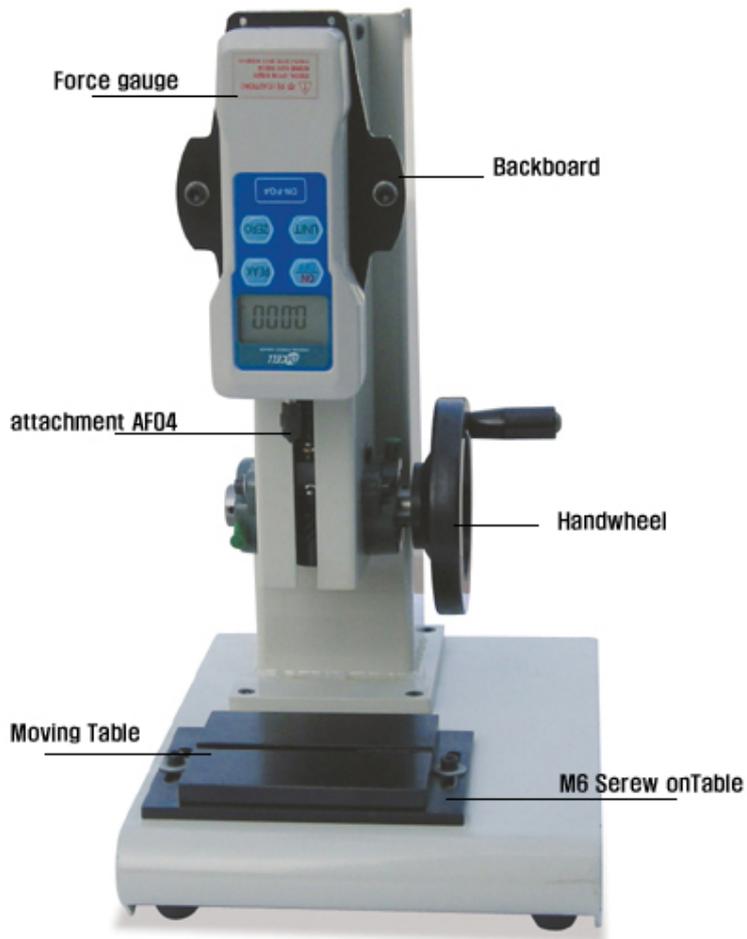
Wheel Manual Test Stand is especially designed to match push pull force gauge applied in various test, such as switch test, insertion/withdraw test and fracture test. This test stand has motive carrier on the base, so it is convenient to fix clamps.

## 2. Specification.

With big and stable base, load ing by side handwheel, it is easy operated, and Suitable for applying on indoor stable.

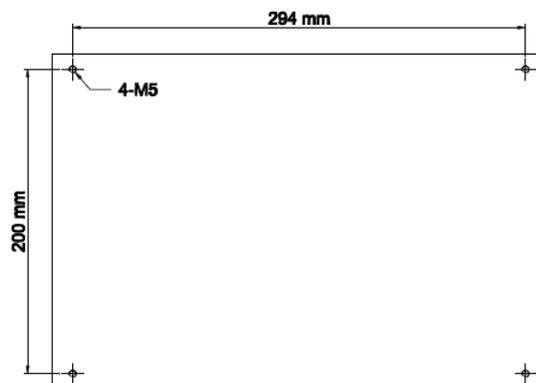
Dimension	L*W*H(mm) 250 * 355 * 470
Wight	about 18.0 kg
Capacity	500 N
Stroke	175 mm
Applied with (purchase additionally)	DN-FGA (Sensor Inside) push pull force gauge, length meter and various clamps

### 3. Structure



### 4. Installation

1.The stand can be used on various working tables. Please keep the table level to get the precise testing value. The test stand can be fixed on the table to be more stable by screw hole on the base as users require.



Installation Dimension of Bottom Board

## 2. Installation of force gauge.

- Loosen the screws on the movable backboard by M6 spanner and take the backboard off.
- When installing FGA , fix the force gauge on backboard by M4x0.7 screws .
- Fix the backboard on test stand by M6 screws.

## 5. Maintenance

1. The rated load of this test stand is 500N, please donot use it with exceeding load, Whith will destroy the machine or cause hurt.

2. Handle lightly during use or moving

3. Please donot use the machine near the water, oil, or other liquid.

4. Please clean the machine by soft cloth.

Dip the cloth in the water with cleaner, Then dry it and clean the dirt.

Donot use the easy volatile chemical substance, such as volatile oil, thinner, alcohol.

5. Donot tear down , repair, or update the machine by yourself , which may cause permanent trouble.

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## 6. Operation

1. Install the force gauge on the test stand according the instruction of Installation of force gauge.

2. Equip the fit clamps on the test head of force gauge.

3. Fix the tested sample on the slide block in middle of moving table.

4. Loose the M6 screws at side of moving table, and adjust the position to make tested sample in line with direction of force gauge test head, then tighten the screws.

5. Turn the handwheel to let the force gauge moving upward and downward to do the test.