

Code	Center height	Distance between two centers	Runout accuracy	Weight	Load	Remark
4738-300	90mm	300mm	2um	15kg	20kg	fixed stand, high accuracy, inconvenient operation
4738-301	90mm	300mm	2um	15kg	20kg	universal stand, low accuracy, convenient operation

- 1-Fixed stand
- 2-Left tailstock
- 3-Right tailstock
- 4-Base
- 5-Load/unload handle
- 6-Rotating handwheel



1.Characteristic:

- Roller type concentricity measuring instrument based on axis. Widely used in concentricity, inspection and yaw measurement, high accuracy;
- Can be used for cutting tools; Turning round rod; Cylindrical grinding, centerless grinding, central machining workpiece;Auto parts and aviation industry shaft parts, etc;
- Precision measurement of roundness, concentricity, circular runout, coaxiality, eccentricity, cross section difference and end perpendicularity;
- Quick measurements save time. Easy to operate, strong versatility;
- By pulling the spring device with a quick clamp, replacement of the workpiece is faster and easier. This model requires that both ends of the workpiece must have a top hole or an inner hole.

2. Description of each part:

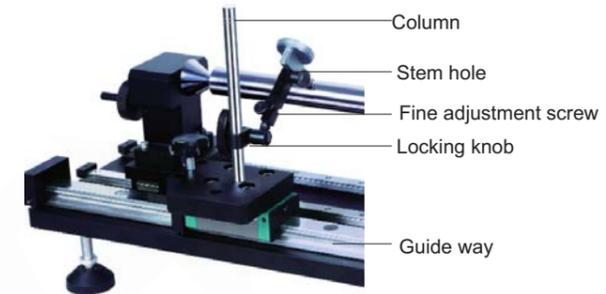
Left tailstock: By pressing the Load/unload handle, it is easy to change the workpiece quickly.



Right tailstock: Right tailstock can be moved through guide surface, and then fix it with rotating wrench clockwise.



Indicator holder: Clamp the indicator to fix it. Clamp the indicator by dovetail groove or stem hole, fix it with the locking screw. Adjust the indicator with the fine adjustment screw. Loosen the locking knob, arm can be moved through column and rotated freely, adjust appropriately and tighten the locking knob.



3. Measurement:

- It is necessary to clean thimble and workpiece before measurement
- Before measurement, move the left tailstock in the appropriate position, and fix it
- Press the handle to install the workpiece and release it, rotate adjusting knob to adjust the pressure appropriately
- Install the indicator, adjust the appropriate position, rotate the to handwheel measure circular runout, get the result from the indicator



4. Notice:

- Be careful to control the force applied on the wrench to avoid damaging internal locking device
- Tailstocks should be moved carefully, avoid thimbles' collision
- Take workpieces down carefully and forbid to drop workpieces on the guide surface to avoid damaging
- Avoid placing the product in the air with moisture to prevent rustiness, oil it after use

5. Optional accessory: Dial test indicator(code: 2880-02, 2880-02R)