

INSTRUCTIONS RMK-2002/RMF-2003

Parts List:

- Digital Indicator Kit
RMK-2002/RMF-2003 for
2" focusers on TV-76,
TV-85, TV-102, NP101
- Digital Indicator
 - Indicator Dovetail
 - Dovetail Channel
 - Indicator Stop Bracket
 - (2) Stop Bracket Screws
 - Nylon Runners (washers)
 - (2) Phillips Head Screws
 - (2) Allen Keys

Installation

Step 1) Remove the two button head screws from the top of the focuser body with the provided Allen key.

Step 2) Remove the two screw hole plugs from the top of the focuser's draw tube using a small jeweller's screwdriver.

Step 3) Place the Dovetail Channel over the focuser body as shown and secure it using the two phillips head screws.

Step 4) Slide the Indicator Dovetail onto the back of the Digital Indicator and lock in place using the small Allen key.

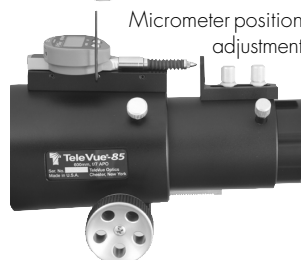
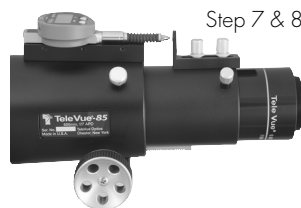
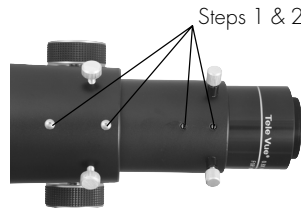
Step 5) Slide the Indicator into the Dovetail Channel.

Step 6) Slip the Nylon Washers on to the Stop Bracket Screws.

Step 7) Place the Indicator Stop Bracket over the draw tube with the stop towards the Indicator.

Step 8) Lock the Indicator Stop Bracket Screws.

Proceed with the adjustment instructions.



Adjustment and Use

The Digital Indicator has 0.5" of travel. It is ideal to set the shaft within the middle of its travel range.

To do so: achieve a rough focus with your telescope. Slide the indicator against the stop until the shaft has moved approximately half way through its travel. Use the small Allen key and tighten the two set screws on the side of the Dovetail Channel that contact the indicator Dovetail. If the indicator needs more or less adjustment room to reach the stop, first determine if repositioning the Stop Bracket will help. For more adjustment, remove the digital indicator from the channel, loosen the set screws (see step 4) and slide the Indicator Dovetail in the necessary direction. Retighten the set screws.

Turn the micrometer on and zero it if necessary

Start critically focusing the image. Take note of the micrometer reading so you may return to that position if further adjustment does not improve focus.

Details regarding the use of the indicator can be found on the instructions included with the unit.

The optional RSC-2320 cable plus TVFocus software (download available at www.TeleVue.com) permits remote viewing of the indicator's reading.