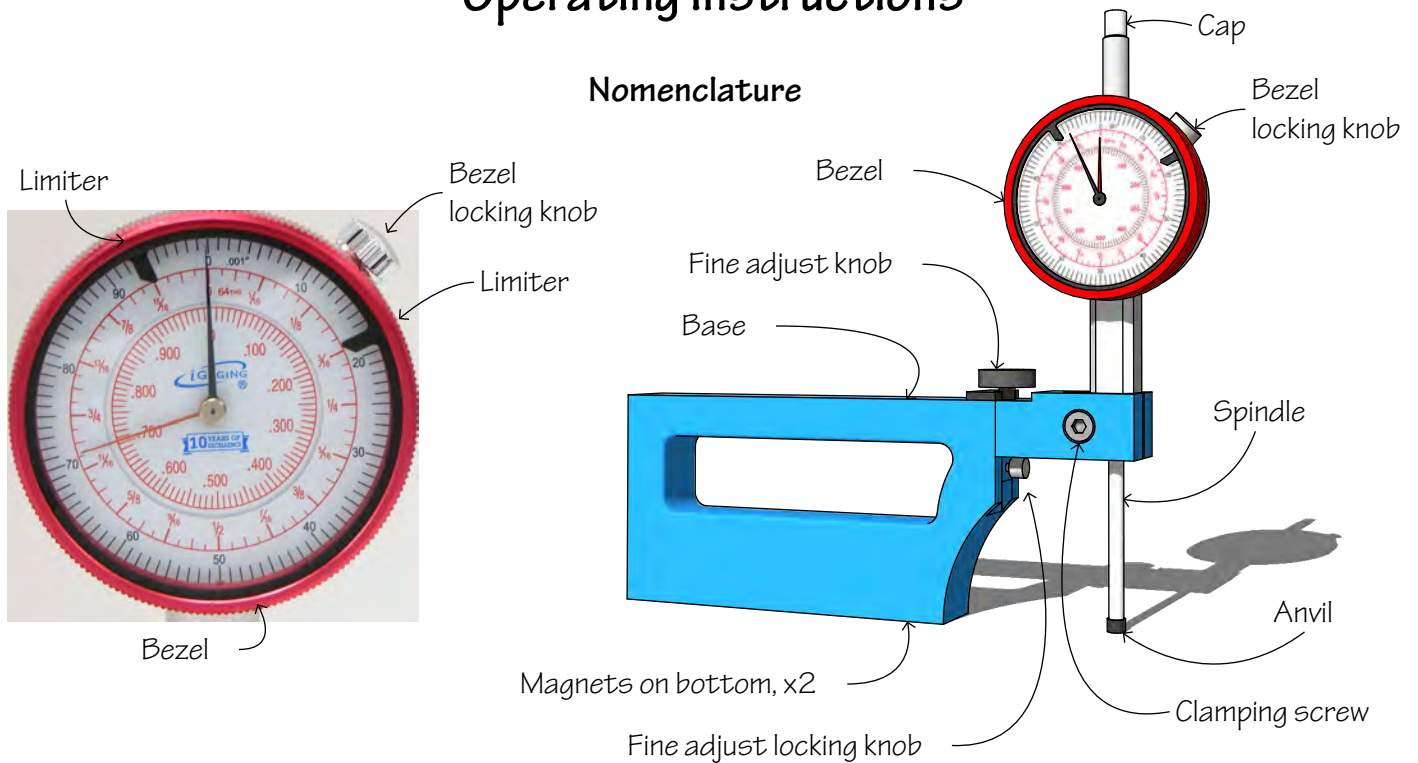


SNAP-CHECK PRO Makes Machine Setups a Snap

Operating Instructions



Setting Up SNAP-CHECK PRO Before Use

Place the unit upright on a flat surface with the small flat anvil installed on the spindle. With the anvil touching the surface, turn bezel then the fine adjust knob until both needles point at zero on the middle red scale and the outer black scale. Then tighten the fine adjust locking knob.

Use a hex wrench to adjust the clamping screw to hold the dial indicator firmly while allowing it to be turned.

The Three Scales On The iGAGING Dial Indicator

Outer scale, in black, is read with the black needle. It is marked in thousandths of an inch (0.001"). One full revolution of the black needle equals 1/10 of an inch and ten revolutions equal 1 inch.

Middle scale, in red, displays fractional inches in 1/64 inch increments. Read it with the red needle.

Inner scale, in red, displays hundredths of an inch with each major mark being 1/10 inch (0.100). It is read with the red needle to determine the number of revolutions of the black needle.

The outer and middle scales can be rotated by turning the red bezel. The inner scale is fixed. With the needles aligned on zero, an absolute measurement above the base can be determined. You can also rotate the bezel to zero the indicator for measuring relative height changes such as when adjusting a cutting depth. The bezel can be locked in place by tightening the bezel locking screw. Do not over-tighten.

The black limiters are visual indicators used as a reference for maximum and minimum values. Use them when needed to indicate starting and stopping values or to define an acceptable range of heights.



Use SNAP-CHECK PRO Every Time You Need A Precise Measurement

Safety First: Unplug power tools before performing these operations

Jointer

Place SNAP-CHECK PRO on the outfeed table of your jointer to check knife height. Rotate the cutter head to place the cutting edge at top dead center. Check cutter height at both ends of knife to ensure cutter is parallel to the outfeed table. When moving SNAP-CHECK PRO, lift anvil by pulling up on the cap of the dial indicator. Release it gently to prevent damage to knives and indicator.

To set knives to the same height as the outfeed table, adjust either the knives or table so the dial indicator reads zero.

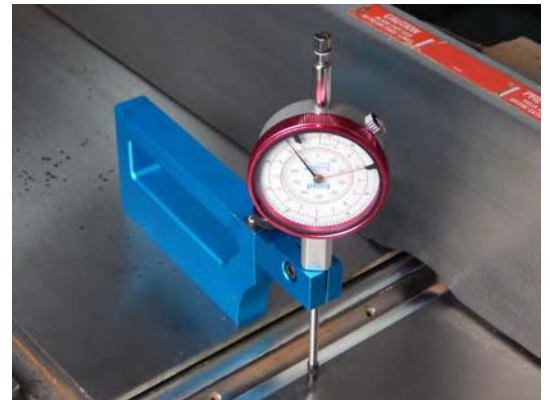
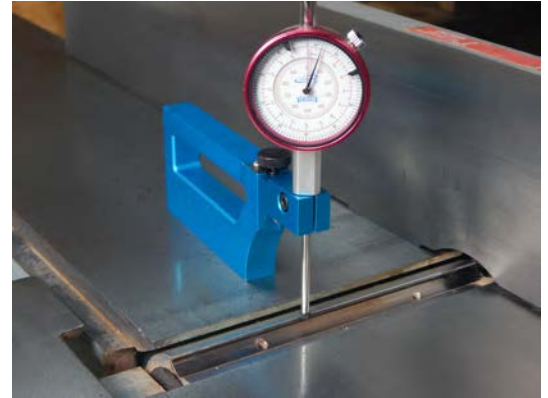
To measure the cutting depth of the jointer install the 1/4-in.-long anvil on the spindle. You can now measure below the bottom face of the base. On the outfeed table rotate the bezel to zero outer scale with black needle. Then place SNAP-CHECK PRO on the outfeed table with the anvil on the infeed table. Adjust cutting depth as desired.

Table saw

To set blade height place SNAP-CHECK PRO on table. Rotate blade so a tooth is at top dead center. Lift the spindle and gently rest the anvil on the topmost tooth. Adjust blade height as needed.

To check for blade runout bring fence close to the blade and lock it down. Install ball anvil on spindle and place the base of SNAP-CHECK PRO against fence with the ball anvil on saw blade plate. Rotate blade slowly and note the change in readings on dial indicator. Use the limiters if desired to mark the highest and lowest readings.

Blade-Fence parallelism: Set fence as above and measure the distance. Mark this point on the blade and rotate the bezel to place zero under the black needle. Move SNAP-CHECK PRO to the outfeed side of the blade rotating the dial indicator so the face is up. Rotate the blade so the point you marked is under the spindle. Blade and fence are parallel if indicator still shows zero.

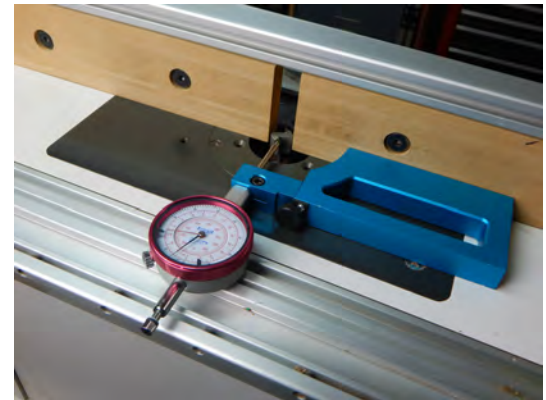


Router Table

To set cutter height place SNAP-CHECK PRO on the router table with the short flat anvil installed in the spindle. Gently place the anvil on top of the router bit. Adjust height as needed. To easily measure a change in height, turn the bezel to zero the dial before changing the bit height.

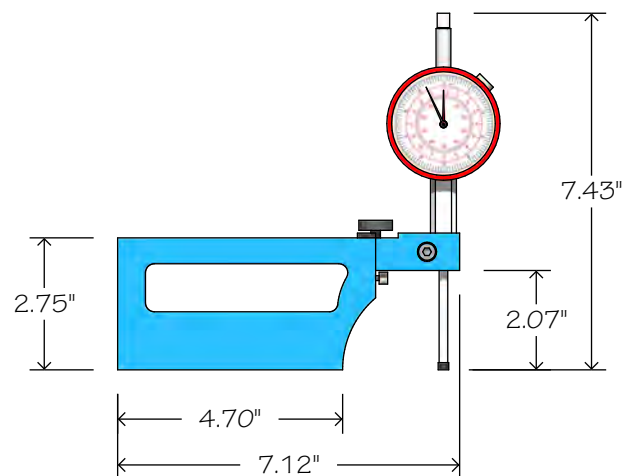


To set cutting depth place fence in approximately the desired position. With SNAP-CHECK PRO on its side, place the base against the fence and the anvil gently on the cutter. Rotate the bit to find top dead center. Adjust fence position to achieve the exact desired cutting depth.



Specifications

Measuring height range	0-2"
Reading	0.001"/64ths
Accuracy	0-1"/0.001" 0-2"/0.0015"
Power of magnets	13 LBS



Flat, Extended Flat & Ball anvils included. Replace flat anvil with ball anvil when measuring moving objects. Use extended flat anvil for depth measurements up to 1/4".