

E-Z Rider™

Operation Instructions

Getting Started

There are two adjustments to be made on your E-Z RIDER. The first fits the E-Z RIDER to your profiler, and the second adjusts the E-Z RIDER to the width of your PCB.

To fit the E-Z RIDER to Your Profiler

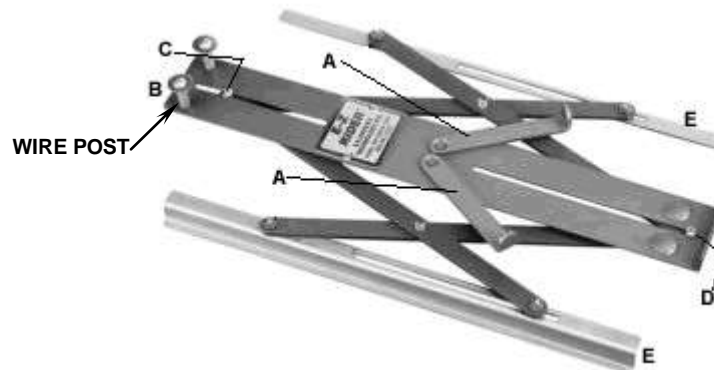


- Pivot the two profiler support arms (A) out perpendicular to the support deck and center your thermal profiler on the arms, with its back end resting against the stop (B) of the support deck.
- If the profiler is *less* than 10 in long, pivot the arms *toward* stop (B) until they contact the sides of the profiler.
- If the profiler is *more* than 10 in long, the arms should be pivoted *away from* stop (B) for greatest stability.
- Remove the profiler and tighten the support arm pivot screws to lock the arms in position.

To adjust the width of the E-Z RIDER

To Set the Width Between 3 1/4 in and 14 1/4 in (8.2 cm to 36 cm)

- Leave screw (C) snug, but not tight, at the *outer* end of its slot, as shown below.
- Loosen screw (D) a turn and pull the rails (E) apart until the width, measured across the vertical side rails, is slightly less than the space between the finger conveyor. The rails should move easily when screw (D) is loosened. The other six screws in the scissor arms are locked. Do not attempt to tighten them.
- Retighten screw (D) to lock the rails at that width.



To Set the Width Between 14 1/4 in and 20 in (36 cm to 51 cm)

- Leave screw (D) snug, but not tight, at the *inner* end of its slot.
- Loosen screw (C) at turn. Separate the rails (E) until the width, measured across the vertical side rails, is slightly less than the space between the pin rails.
- Retighten screw (C) to lock the rails into position.

Note: The two posts on the front of the support deck may be used to hold excess thermocouple wire. The wire can be wrapped around the posts in a figure eight. The posts may be removed if not needed.

E-Z RIDER is built of high quality materials, for reliable operation and long life. The side rails, arms and support deck are hard anodized aluminum. The side rails are clear anodized aluminum. All fasteners are stainless steel.