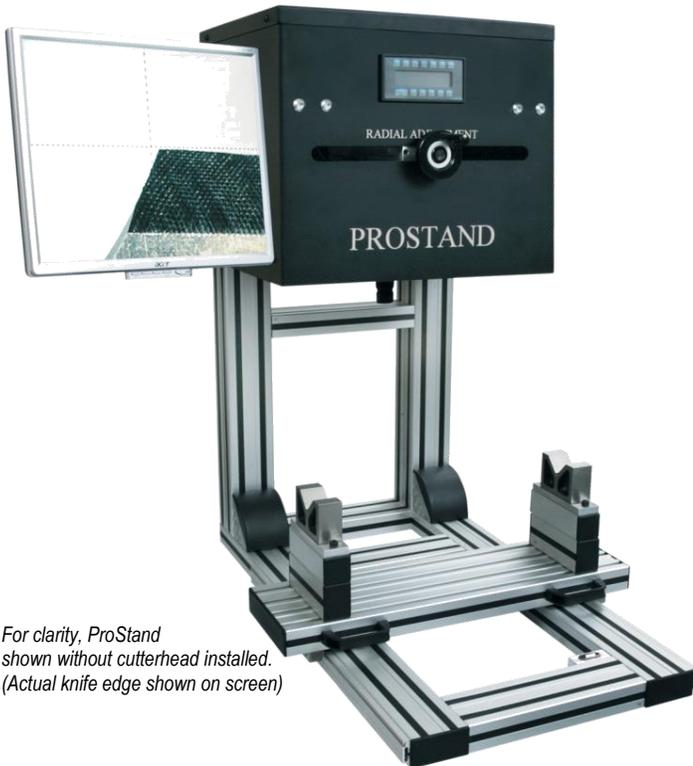


Woodworking Measuring Systems – ProStand, ProSet, Machine Retrofits



For clarity, ProStand shown without cutterhead installed.
(Actual knife edge shown on screen)

ProStand HD™ was the industry's first two-axis cutterhead measuring and set-up stand using non-contact video and digital measurement technology.

It measures Radial, Axial and alignment of moulder cutterhead knife geometry. ProStand incorporates an (optional) sliding platform to accommodate cutterheads up to 14 inches (350 mm) diameter and weighing up to 400lbs (180 kg). This sliding platform allows users to safely load large, heavy cutterheads onto ProStand using hoists or overhead cranes without damage to the ProStand, or harm to the operator.

Older technology comparators provide a small black shadow image of the knife edge. ProStand uses a color video camera, and large LCD monitor to provide a clear image of the knife edge magnified 20+ times. With color, inspection of the grind quality, possible cracks, defects, and bluing is easily accomplished.

The built-in Digital Readout displays point locations, plus calculates arc radius, arc length and arc center points. Measurement Information can be printed to an optional label printer.

ProStand is made to be used with your **existing** grinding shaft. V-blocks can be supplied with special spacer blocks if your shaft has different end bearing sizes.

ProStand HD Features:

- Reduces Waste caused by trial and error setups...More production = more profit.
- 20X Tool Magnification allows inspection of knife edge grind quality, plus flaws such as cracks and chips.
- A color image displays the knife edge better than shadow systems AND reveals *bluing* caused by excess heat build-up during grinding.
- Non-Contact Measurements = No mechanical measurement ambiguity and excellent repeatability from one user to the next.
- Easy Readout Operation: Front panel settings for Calibration, printing, units selection and more.
- Choice of Measurement Mode: Millimeters or Decimal inches.
- Radius measurements are possible by selecting three points along an arc. The readout calculates the arc radius, arc length, and centerpoint coordinates.
- RS232 output is built-in. Can be used with data collectors, machine interfaces, or select printer models.

For Moulder FINAL DIMENSION Heads:



ProSet is the perfect companion to ProStand to reduce setup time and wasted trial run pieces when setting up a new job, or changing tooling.

ProSet is a specially designed ProScale measuring system for use on dimensioning heads of moulders. Simply set the ProSet to "Radius" mode and adjust the spindle position until the measured radius of the cutterhead is displayed (radius is easily determined using ProStand).

Push a button on ProSet for "Width" mode and it displays the outfeed dimension will be, based on the current position of the spindle.

ProSet is supplied with a hardware mounting kit, a battery-operated LCD Readout that requires no electrical installation, and an extra-long (20ft) encoder cable to make installing ProSet quick and easy.

For Planers, Sanders, Moulders, Shapers, Tenoners:



Planer/Sander Kit

Everything you need to add digital measuring capability to your commercial woodworking machine. This kit includes a ProScale Model 150-10 (commercial version) or a ProScale Model 190-10 (small shop version) to measure up to 10 inches of travel or tooling position.

A universal mounting kit is supplied that contains several commonly used brackets for applications of this kind, making installation a snap.



Mounting Kit

All Systems are Designed and Manufactured in the USA.