

Newall - The DRO of Choice at Rankin Technical College



Located in St Louis Missouri, Ranken Technical College was founded in 1907 by David Ranken Jr., as a private non-profit institution to train students for employment in a variety of technical and mechanical trades. With its proud tradition of excellence, Ranken has maintained its position as a national leader in technical education. Ranken is the first non-profit trade and technical school to be accredited by the North Central Association of Colleges and Schools. Over the years, the small campus of 1907 has grown to an 18-

acre complex spread over three city blocks, with eleven individual buildings of classrooms, labs, student housing and administrative offices — all designed to maximize hands-on learning.

One of the programs offered at Ranken is Precision Machining Technology which prepares students for jobs in manual machining, inspection, CNC programming and CAD-CAM with one half of the training in manual machining. Gwain Marron, machine shop instructor, explains, “We have 50 manual machines in our shop and 15 of them are equipped with Newall digital readouts with Spherosyn transducers supplied by the local St. Louis representative Accurate Measurement Systems.”

“Being in a learning environment, students that are new to machining are often tough on equipment, I know because we fix things all the time. So I appreciate the solid performance and durability of the Newall products. It’s just one more thing that I don’t have to worry about,” continues Marron. “I encourage the students to always try to get the most out of their tools, and the same holds true for the Newall readout. Students will ask me about a particular function of the unit, like a bolt hole pattern, and most of the time they don’t have any trouble following the intuitive data entry by themselves and they can easily figure it out. We also use the Newall readouts to produce arcs and shapes using the arc function and plunge cutting the material. In this manner we can do parts that would otherwise require a rotary table or CNC. We love the versatility. Ranken is always looking to upgrade the equipment but, it looks like our Newall digital readouts will serve us for many years to come and continue to be the DRO of choice for future purchases.”

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