

TITLE: Ergonomics Optical Comparator Table

Proposal/Scope

Quake Manufacturing, Inc. has been in business since 1990 in Fort Wayne. In their 14,000 SF manufacturing facility, Quake produces fixtures, gauges, tools, prototype parts, and quality machined parts for the manufacturing, automotive and consumer products industries.

The company has a need for an adjustable workstation for their optical comparator to improve the ergonomics of their workstation for their employees. The optical comparator weighs roughly 200 lbs. and requires a minimum surface area of 24" x 36". Position and height adjustments to accommodate various operator heights, along with other design considerations to improve operator comfort and improved ergonomics while maintaining, and optimally improving operator productivity are desired.

Budget: \$1500