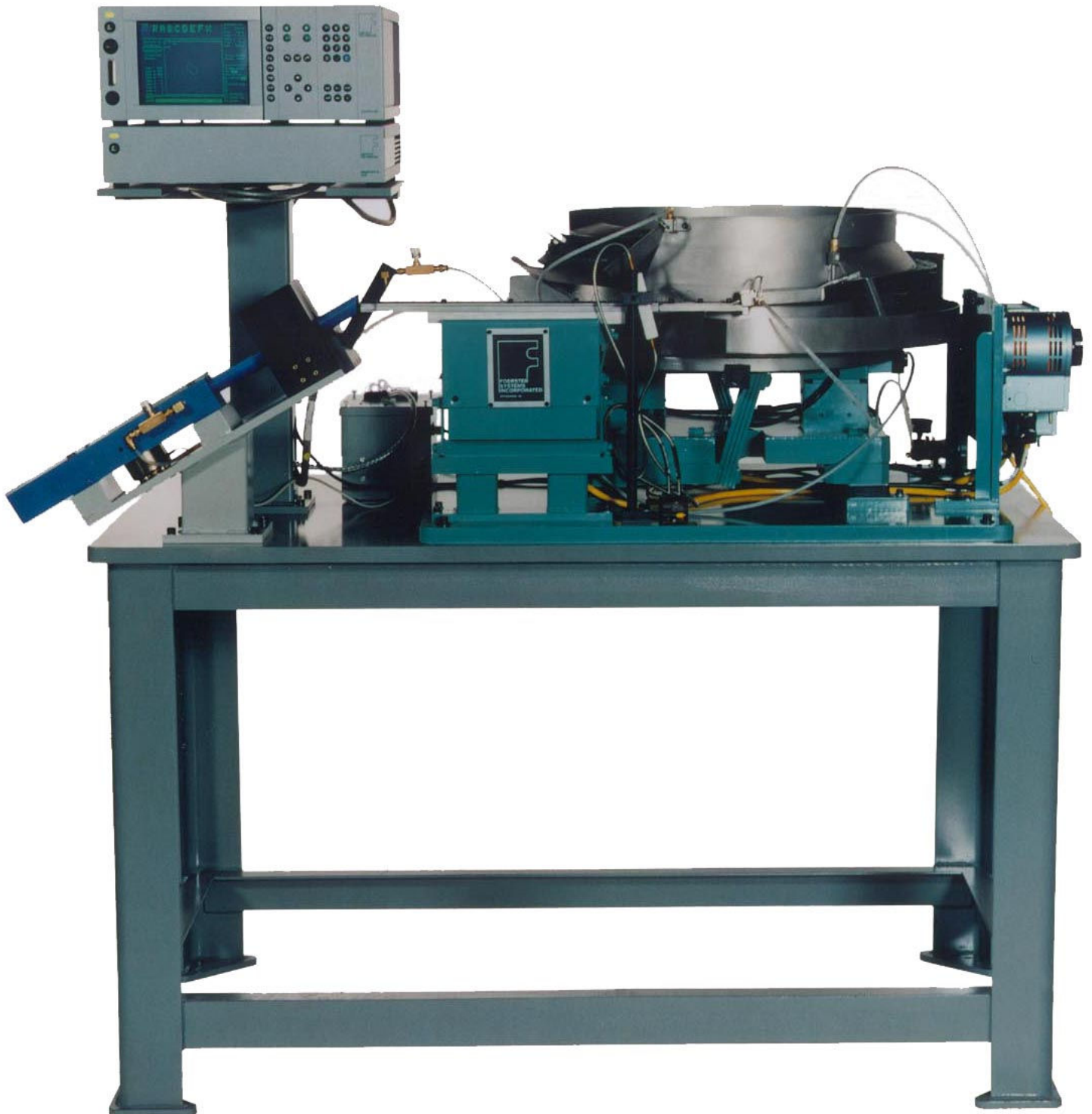




# SPRING CLIP HARDNESS INSPECTION SYSTEM



# Spring Clip Hardness Inspection System



➤ **Division**  
CT

➤ **Market**  
Automotive

➤ **Production Rate**  
3600 parts per hour

## ➤ **System Description**

The system is designed to evaluate Spring Clips for proper heat treatment. The operator loads parts into the bowl feeder, which in turn loads one part at a time onto a linear vibratory rail. From here, the parts are allowed to slide down a nylon track and through the inspection coil. If a part is found to be improperly heat treated, an electric solenoid operated flipper gate opens and unloads the part sideways off the track. Properly heat-treated parts slide off the end of the track and into a customer-supplied bin.