

OBJECT INSPECTION SYSTEM

Abstract

Early techniques for object inspection relied on human inspectors to visually examine
5 objects for defects. However, automated object inspection techniques were subsequently
developed due to the labour intensive and subjective nature of human operated inspections.
Additionally, object characteristics such as object power and object thickness need to be
determined after the objects have been examined for defects. Conventionally,
corresponding inspection stations are along the manufacturing lines for determining each
10 of the object characteristics. However, the need for human intervention and time spent to
move the objects from one inspection station to another adversely affect the efficiency of
the object manufacturing process. An embodiment of the invention disclosed describes a
high-resolution object inspection system for performing object inspection.

15 FIG. 1