

Abstract

The invention discloses a carrier board for multi-workpiece collectively scanning for automatic processing lines comprising a carrier board body, and a central processor and battery pack provided in the carrier board body, wherein the carrier body is provided with several workpiece stations; the workpiece stations each have positioning pins, and a node unit next thereto. The invention, by adding dozens of node units and a central processor, can collectively read workpiece information and realize collective on-line and off-line for workpieces. The efficiency of the production preparation station is greatly improved. By adding a wireless signal transmitter and a battery pack, the workpiece information that was only read at the production preparation station in the prior art, now can be read at any position and at any time. By adding light strips, visual management is realized and the status of the workpieces is more intuitive. An operator can intuitively know the state of the workpieces to find unqualified products easier. For example, workpieces that fail to on-line or are missed can be found immediately.

Fig. 1