

THIS SHEET HAS BEEN
REPLACED

Abstract

Method and apparatus for gauging a device for producing electrical assemblies

A fitting machine fits emulations (3) of components to a test board (1). The emulations have defined markers (4). Near to the markers (4), the test board is provided with local reference marks (5) having high positional accuracy. A printed circuit board camera on the fitting machine serves as a spatially resolving sensor and is moved gradually over the markers (4) and the reference marks (5). A marker (4) and a reference mark (5) are then in the scanning field (6) of the camera in each case.

This makes it possible to detect the relative position of the marker (4) with respect to the reference mark (5) without having to move the camera to do so, which simplifies measurement.

Figure 1

This Sheet Has Been Replaced

