

Transmission Type Liquid Crystal Mask Marker

Abstract

The present invention relates to a transmission type liquid crystal mask marker which can easily be incorporated into a conventional apparatus, and which enables high-speed and high-accuracy stable printing and an increase in S/N ratio of sensor output. The transmission type liquid crystal mask marker thus includes a controller for, during rewriting a static image for a mark displayed on a transmission type liquid crystal mask, displaying a static image to be tested and attaining an equipotential state, repeating the displaying of the static image for a mark and the attaining of an equipotential state up to the end of the rewriting time, measuring an actual light transmittance of the static image to be tested under rewriting and regulating the voltage applied to the transmission type liquid crystal mask so that the actual light transmittance is equal to the optimum light transmittance. An optical filter may be provided on a light receiving device for measuring a light transmittance.

(Figure 3)