



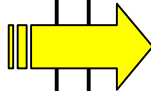
Eccentricity measurement of roller shaft for rubbing

OUTLINE / PREVIOUS

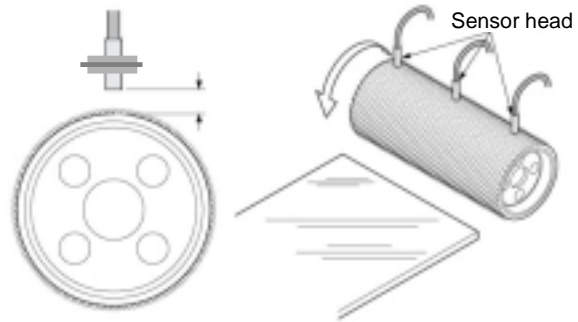
Customer : Manufacturer of liquid crystal devices

Rubbing process

In this rubbing process, the direction films on the glasses are rubbed by the roller covered with the raising cloth. And in rubbing the direction films, the eccentricity of a roller shaft is measured.



SOLUTION



PROBLEM

We would like to do setting easily.

MODEL / HOW TO

GP-XC12ML

The eccentricity distance of the roller shaft is measured at three points by **GP-XC12ML**. The setting is done by using Rotation/Eccentricity detection mode.

BENEFIT 1 Stable detection with high-sampling speed and high-precision

Tips;The surface of the roller is covered by the cloth (thickness:1.5-2.5mm) though, it's possible for **GP-XC12ML** to perform the stable detection, because of its high-resolution of 0.02% F.S.(1um) and high-precision of linearity within +/- 0.3% F.S.

BENEFIT 2 Easy setup with rotation/eccentricity detection mode

Tips;If you chose rotation/eccentricity detection mode, you can easily perform setting. Because peak-to-peak-hold is set automatically.

BENEFIT 3 Setup of digital display is easy

Tips;Controller has a digital panel that is dual, 2-color digital display. And the dual digital display enables numerical setting while verifying setting items for each mode. Additionally, it also enables the verification of the main settings while measuring.