



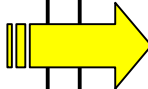
# Measurement of eccentricity of water-pump pulley

## OUTLINE / PREVIOUS

**Customer : Automobile components manufacturer**

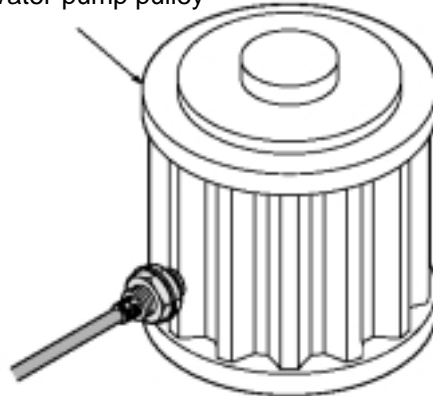
**Machinery : Water-pump injection machine**

In production process of water-pumps, we make the pulley rotate for eccentric test.



## SOLUTION

Water-pump pulley



## PROBLEM

Contact sensors are used to measure and it's hard to measure the exact eccentricity of side salient, because the contact part is limited.

## MODEL / HOW TO

### GP-XC10M

**GP-XC10M** enables you to test for eccentricity by measuring the minimum point of salient of unevenness side with internal trigger function, and outputting to PLC.

## BENEFIT 1 To measure the maximum level is available with internal trigger function.

**GP-X series** has internal trigger function to measure the minimum point for eccentric test of pulley.

## BENEFIT 2 Easy maintenance

In case that the sensor head is damaged, all you have to do is just to replace it. You don't need to buy and change the new controller and you can save the maintenance cost. Moreover the setting is so easy because the sensor head and the controller connection is a simple one-touch connector type.

## BENEFIT 3