



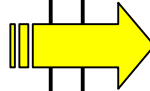
## Measurement of the height of sparkplugs

### OUTLINE / PREVIOUS

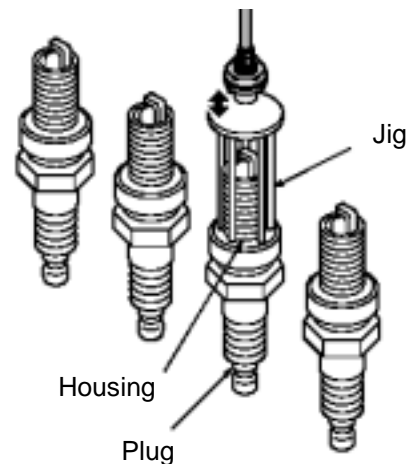
**Customer : Automobile components manufacturer**

**Process : Sparkplug caulking process**

In the process of caulking the housing part of the sparkplug, the measurement of the height of the housing is performed to check quality.



### SOLUTION



### PROBLEM

We would like to shorten processing time.

### MODEL / HOW TO

#### GP-XC12ML

Measuring height is performed with jigs. Jigs are made of stainless-steel due to prevent corrosion.

### BENEFIT 1

#### High-speed sampling and response

With a 25us ultra high-speed sampling speed, **GP-X** series can measure even jig's high-speed displacement. In addition, because of the highest response time 75us, you can save processing time.

### BENEFIT 2

#### Linearity $\pm 0.3\%$ F.S.

We have realized linearity within  $\pm 0.3\%$ F.S. As they correspond to stainless-steel and iron, you can measure any material of object precisely

### BENEFIT 3

#### Selection mode for each material has been equipped

As specifications corresponding to stainless-steel, iron, and aluminum have already been inputted to the controller, you can easily select the best setting for each material.