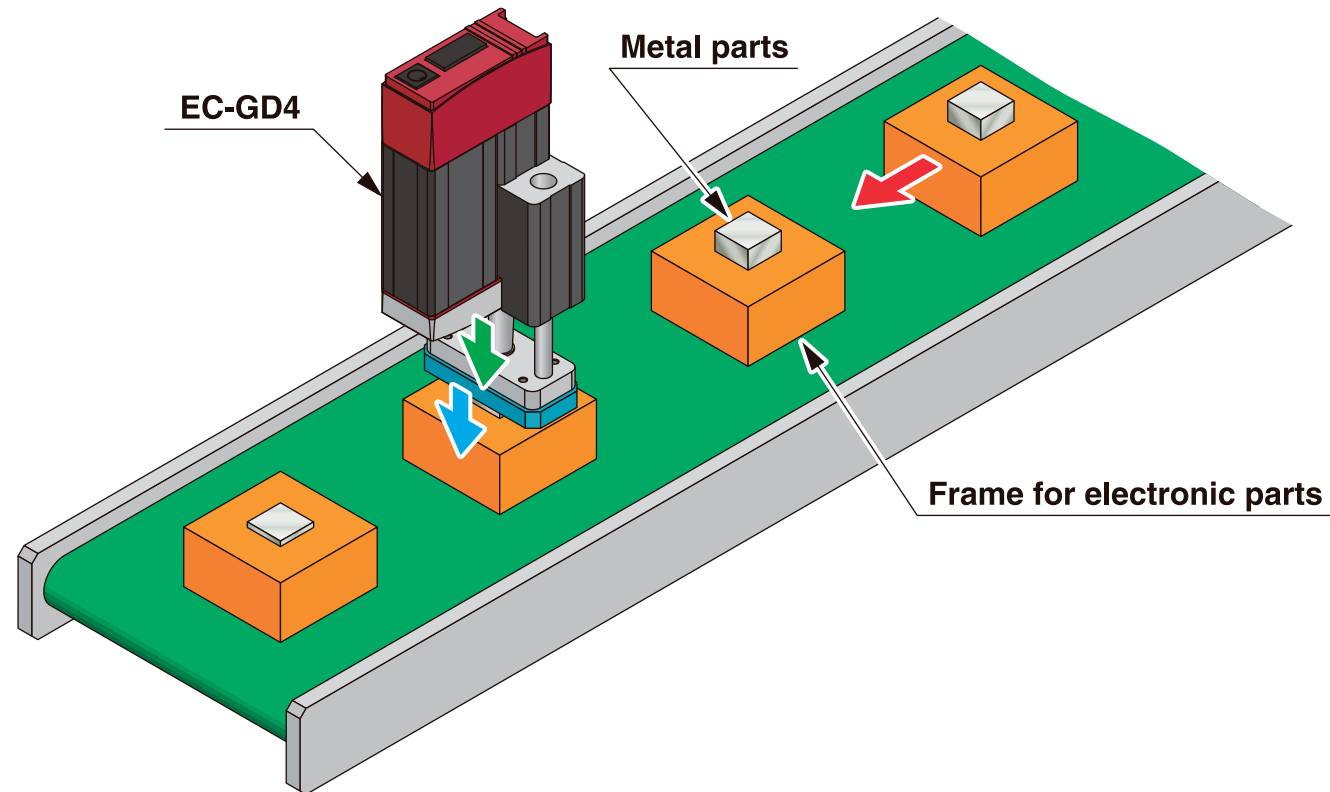


# Resin base insertion device for metal parts

**Usage** A device that inserts metal parts into an assembly frame for electronic parts.



## Explanation

When inserting a metal part into the frame, the inserting speed has to be slowed down at the last 1mm. This was done by attaching a spring on to the tip of the air cylinder. However, there was a problem that defective products would be produced if the spring deteriorates. The Elecylinder can control D (deceleration) value, enabling low-speed positioning. In addition, when it stops before the forward end (caused by defective products), it notifies through an error notification. Therefore, the adoption of Elecylinder has enabled this mechanism to run without a spring, eliminating the problem on defective products which used to occur due to deterioration of the spring used in it.