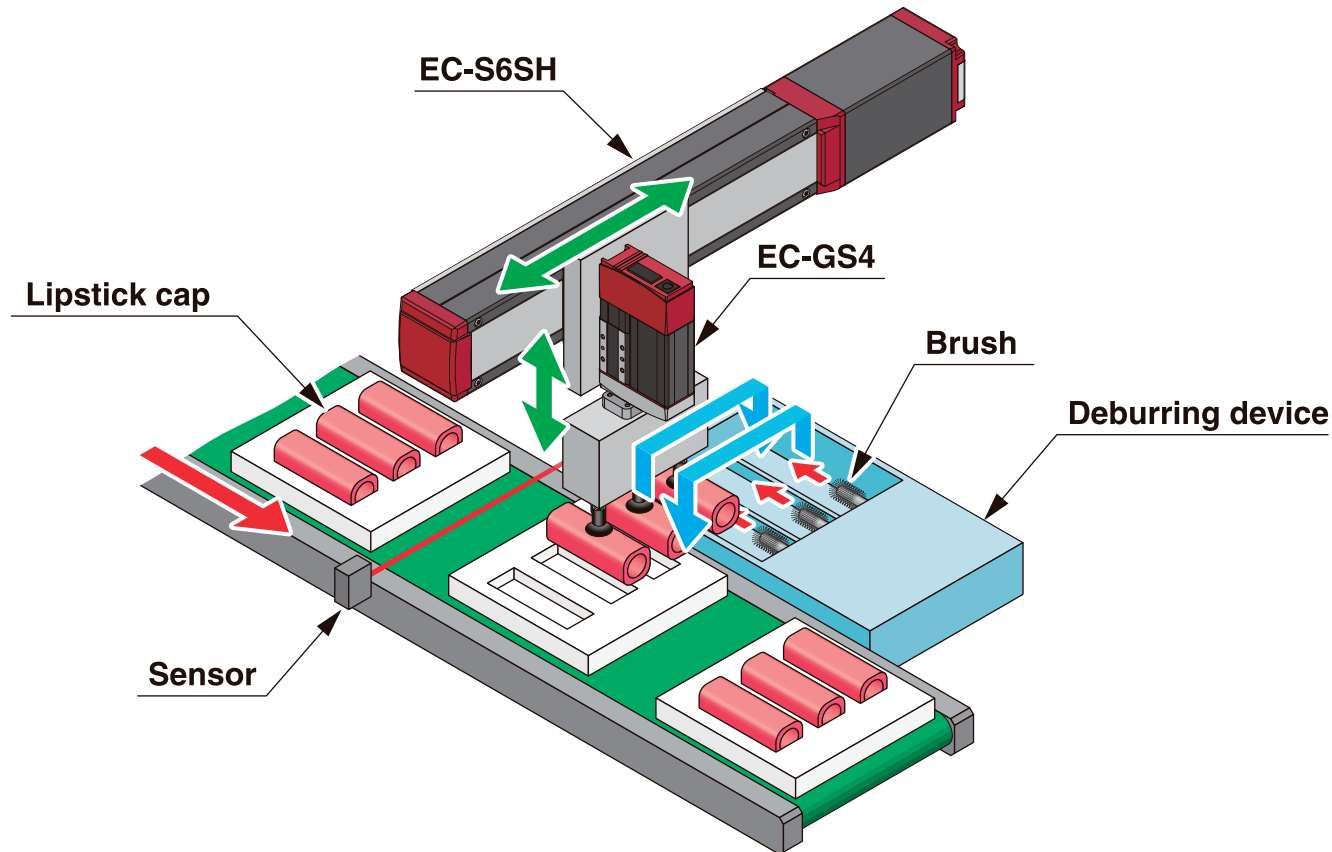


Deburring device for resin moulded product

Usage A device that deburrs the inner side of a lipstick cap.



Explanation An air cylinder was used for the mechanism that puts the parts on the conveyor into the deburring machine, processes them, and then returns them to the conveyor. However, the cycle time couldn't be shortened for there was a problem that the part gets swung off when the speed was increased.

Replacing it with the Elecylinder enabled A: acceleration, V: velocity and D: deceleration to be adjusted individually through numerical input. The Elecylinder's acceleration/deceleration is smooth even at high speeds, preventing the parts from getting swung off. Due to this feature, the cycle time was reduced from 10 seconds down to 8 seconds.