

# External Reference Point

## KEY BENEFITS

- Improve quality, even for work pieces supporting work with a fixed tool (part-to-process)
- Reduce programming time
- May be used for up to 63 tools, each with their own reference point

## OVERVIEW

Enables teaching and playback, utilizing one external reference point in space as the control point for the manipulator. Specifically, the point is used in cases where stationary glue dispensers are used or spot welding with a stationary tool is performed. During playback, interpolation is performed by controlling the relative speed and relative position between the external reference point and the workpiece.

