

## PLACEMENT OF EARPIECE SPEAKER CUSHION



### TASK

The earpiece speaker cushion is one of the more complex adhesive components of mobile phones. Placement of this small yet sophisticated part is a challenging application that requires absolute accuracy within tight tolerances. In the following pages we present a variety of solutions.

# Application Study

## SEMI-AUTOMATED EARPIECE SPEAKER CUSHION PLACEMENT INTO RECESSED HOUSING



### CHALLENGES

- The cushion consists of a foam pad that must be placed accurately into a recessed frame in the target part housing.

### SOLUTION

- Model 3065
- Customized chuck
- Customized nest
- Benchtop configuration for semi-automatic operation
- Rewind reel
- X-axis correction

### FEATURES & BENEFITS

- AccuPlace's peeling technology allows for consistent peeling of the foam pads.
- The x-axis correction option guarantees accurate placement of the foam pad into the recessed area by correcting any possible component drift on the liner.
- The bench top platform consisting of a base with feet, built-in power supply, and 2-hand control provides a simple cost-effective solution that captures the quality benefits of automation.

