

Application Study

PLACEMENT OF A TEMPERATURE STRIP ONTO A DIAGNOSTIC CUP



TASK

Apply a temperature strip onto a diagnostic cup.

CHALLENGES

- The temperature strip must be placed in three dimensions to the side of the cup, within a tight tolerance of $\pm .004$ ".
- Given the contrast between the light colored cup and the dark strip, any inaccuracy in placement is immediately apparent.

SOLUTION

- Model 3065
- Customized conforming chuck
- Customized shielded nest
- Benchtop configuration for semi-automatic operation
- Rewind reel

FEATURES & BENEFITS

- AccuPlace's peeling technology allows for consistent peeling of the temperature strip.
- The conforming chuck peels the flat strip from the liner and places it onto the cup while curving it to fit the shape of the cup.
- Shielded nest allows for safe automatic triggering of placement upon insertion of the cup and minimizes the cycle time.
- 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: Improved placement accuracy is clearly visible.

