SONOFLUX SERVO with InSight

Designed for High Mix PCB Wave Soldering

Fully Automated Recipe Change

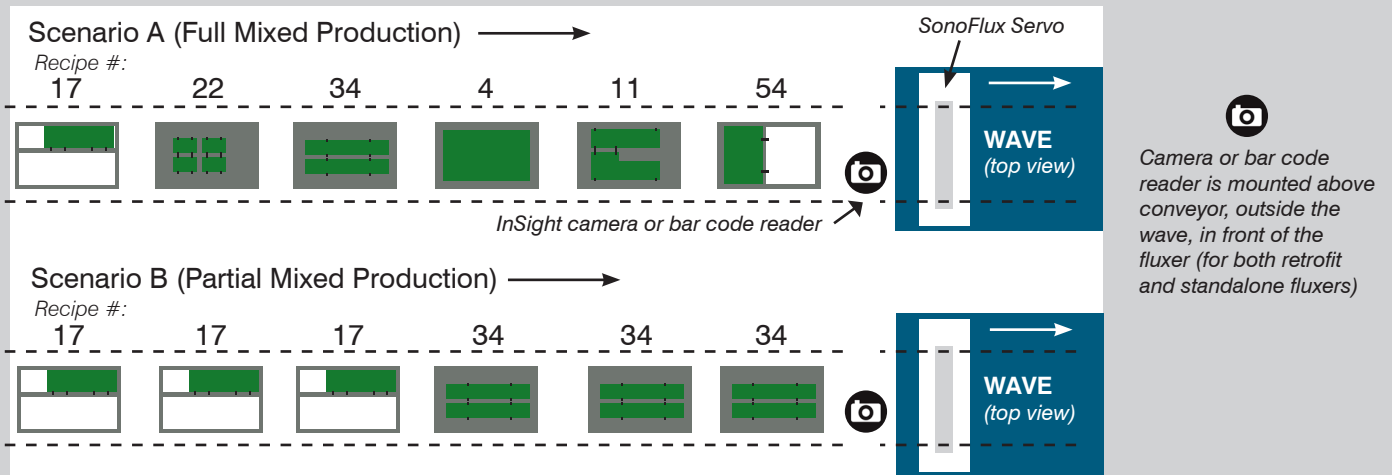**Process multiple board types without software adjustment for different recipes**

Boards are recognized using either an imaging camera or bar code scanner system. InSight 's intuitive software allows you to easily associate existing recipes with each board's image or bar code. Once assigned, associated recipes can be automatically queued with the image recognition or bar code reader, without operator intervention.

Each recipe in the queue can be fluxed with one of 3 different methods:

	1 Full Board Fluxing	**2** Partial/Offset	**3** Selective Area
Recipe # queued	17	22	34
Fluxed area(s) shown in orange			

Product mix can be many different types of boards or just a few different types:

Scenario A (Full Mixed Production) ⟶

SonoFlux Servo

Recipe #:
17   22   34   4   11   54

WAVE *(top view)*

InSight camera or bar code reader

Camera or bar code reader is mounted above conveyor, outside the wave, in front of the fluxer (for both retrofit and standalone fluxers)

Scenario B (Partial Mixed Production) ⟶

Recipe #:
17   17   17   34   34   34

WAVE *(top view)*

Camera recognition and bar code reader feature comparison:

InSight Camera Recognition System	**InSight with Bar Code Reader**
Compatible with almost all board/pallet configurations	Compatible with all standard 1D and 2D bar codes
Stores up to 250 board recipes	Stores over 2000 recipes
Queues up to 25 boards	All recipes are active

SONO•TEK Corporation

www.sprayfluxing.com   **ISO CERTIFIED**