

Ultrasonic Fluxing Systems - Product Comparison

Model	SonoFlux EZ	SonoFlux Servo	SonoFlux 2000F
Type	Reciprocating	Reciprocating	Stationary - no moving parts
Motor	Stepper motor and belt drive	Closed loop drive, ball screw	NA
Max Board Width	18" (457 mm)	18" (457 mm) or 24" (610 mm) available	13" (330 mm) or 24" (610 mm)
Control Display	Backlit LCD PLC with basic 5 key keypad	Windows®-based laptop with user-friendly menu-driven software	Backlit LCD PLC with menu-driven 17 key keypad and wheel encoder
Recommended Production Volume	Med-high mix Low-high volume	Med-high mix Low-high volume	Low mix, high volume 2 or less board width changes per day
Flux Compatibility	All except water soluble (OA)	All	All
Recommended Maintenance	Weekly cleaning (5-10 min)	Weekly cleaning (5-10 min)	Monthly cleaning (10-15 min)
Nozzle Maintenance	None	None	None
Flux Deposition Control	Pressurized flux tank	Gear pump	Gear pump with deposition density control
Programmable Flow Rate Control	No	Yes (recipe programmable)	Yes (recipe programmable)
Selective Spray Capable	No	Yes	No
Recipe Storage	50	500,000	1500
Dual Flux Option	No	Yes	No
Approx. time to switch flux types	20-30 minutes	5-10 minutes (30 seconds with Dual Flux option)	5-10 minutes
Insight Auto Board Recognition	Not Available	Available	Not Available