

| Model | SonoFlux EZ | SonoFlux Servo | SonoFlux 2000F | X2 |
|-----------------------------------|---|---|--|--|
| Type | Reciprocating | Reciprocating | Stationary – no moving parts | XY- 2 axis movement |
| Motor | Stepper motor and belt drive | Closed loop drive, ball screw | NA | Stepper motor and belt drive |
| Max Board Width | 18" (457 mm) | 18" (457 mm) or 24" (610 mm) available | 13" (330 mm) or 24" (610 mm) | 18" (450 mm) or 24" (610 mm) available |
| 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 | Windows®-based PC with user-friendly menu-driven software |
| Recommended Production Volume | Med–high mix | Med–high mix | Low mix, high volume | Med–high mix |
| | Low–high volume | Low–high volume | 2 or less board width changes per day | Low–high volume |
| Flux Compatibility | All except water soluble (OA) | All | All | All |
| Recommended Maintenance | Weekly cleaning (5–10 min) | Weekly cleaning (5–10 min) | Monthly cleaning (10–15 min) | Weekly cleaning (5–10 min) |
| Nozzle Maintenance | None | None | None | None |
| Flux Deposition Control | Pressurized flux tank | Gear pump | Gear pump with deposition density control | Recipe-controlled pressurized flux tank with automated pressure regulation |
| Programmable Flow Rate Control | No | Yes (recipe programmable) | Yes (recipe programmable) | Yes (recipe programmable) |
| Selective Spray Capable | No | Yes, selective area | No | Yes: - lines; - Areas; - Dots or Full Spray |
| Recipe Storage | 50 | 500,000 | 1,500 | 500,000 |
| Dual Flux Option | No | Yes | No | No |
| Approx. time to switch flux types | 20–30 minutes | 5–10 minutes (30 seconds with Dual Flux option) | 5–10 minutes | 10-20 minutes |
| Insight Auto Board Recognition | Not Available | Available | Not Available | Not Available |
| Barcode-enabled recipe switching | Not Available | Available | Not Available | Available |