

X-Series™

Vertical Format Batch Cleaning System

Cleaning Flexibility . . .

- Cleans stencils
- Multi-Solvent compatible
- Cleans misprints
- Reflowed PCBs
- 2 process tanks

- Uses Water, Aqueous Mixtures, Alcohols, Combustible or Flammable Solvents
- Powerful Cleaning Results
- Cleans Stencils, Misprints, Solder Paste or Adhesives
- Batch Cleaning of Printed Circuit Board Assemblies
- Automatic wash/rinse/dry
- Simple "push button" operation
- Reliable "PLC" control
- ETL listed for safety
- Small foot print 3' x 3'



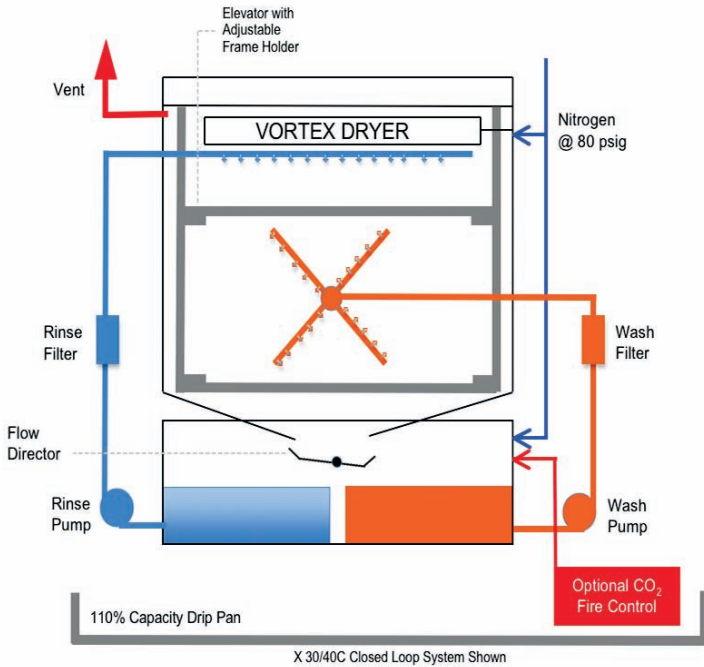
Austin American Technology's **X-Series** Vertical Format Batch Cleaning Systems provide maximum chemistry flexibility to meet a wide variety of applications. Aqueous, saponification, semi-aqueous, alcohols and hybrid solvents can be utilized to remove flux residues, solder pastes, inks, adhesives and other residues from boards, stencils, or tooling used in the production process. Each system incorporates filtration and a selectable open- or closed-loop configuration to address environmental and safety concerns.

Consistent cleaning results are ensured with a patented method of rotational spraying that creates zones of constantly changing force to provide superior performance. **X-Series** cleaning systems are fully automated and do not require product transference between wash, rinse and dry cycles. The cleaner's automated, low-profile lift and compact body design facilitate easy load/unload and provide one of the smallest footprints in the industry. And, the **X-Series** is supported by the extensive experience and knowledge base of **Austin American Technology's** applications engineering team.

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Process Diagram



FEATURES

- Fully automatic cleaning cycle
- Automatic product positioning
- Multi-stage particulate removal
- 110% capacity drip pan
- Stainless steel construction
- Panel-on-frame design for accessibility & easy maintenance
- Power drain
- 32" x 30" or 40" processing area
- Conforms to NFPA 70, 79; IES; NEMA 1, 12; OSHA

COMMON OPTIONS

- Substrate holder
- H-channel multi-stencil holder
- Squeegee basket
- Vortex Dryer™
- Fire suppression system
- SRI™ Solvent Recovery System

Model Designation	X-30	X-30A	X-30C	X-30F
Description	Water	NF water mixtures Sap., alcohol, emul.	Combustible solvent Semi-aqueous	Flammable solvent Isopropyl alcohol
Features				
Stainless steel construction	S	S	S	S
Programmable lift	S	S	S	S
Transfer pump	S	S	S	S
Air knife	S	S	S*	S*
Water knife rinse	O	O	O	-
Wash sump heater	O	S	O	-
Rinse sump heater	O	O	O	-
Hot vortex dryer	O	O	O*	-
Nitrogen purge	-	O	S	S
CO2 fire suppression	-	O	O	S
Semi-aqueous skimmer	-	O	O	-
Explosion-proof pump	-	-	O	S
Deionizing system	O	-	-	O
Waste treatment still	O	O	O	O
Chemical metering pump	O	S	O	O
VOC reduction package	-	-	-	O
Vent hood	-	O	O	O

* Requires nitrogen. All specifications are subject to change without notice. Trademarks property of Austin American Technology.