

CREST ULTRASONICS F-100 SERIES

Compact Solvent Cleaning Systems
...designed to safely employ all of today's
non-flammable and EPA approved solvents

The fully contained compact F-100 Series degreasing system is an economical solution to solvent precision cleaning applications. A typical process includes immersion in the latest Crest ultrasonic technology that produces unrivaled cleaning with HFC, HFE, NPB, and HCFC solvents.

Features

- Solvent immersion tank with high frequency 58, 132, or 192 kHz ultrasonics
- Offset distillation
- Built-in refrigeration
- Compact overall dimensions
- 100% freeboard ratio to limit solvent consumption
- Automated in-tank lift
- Solvent replacement warning
- Removable panels for easy maintenance access
- Gravity water separator
- PLC controlled
- Compact footprint for easy integration in production flow
- Automated cover

- Stainless steel condenser to avoid corrosion
- Stainless steel process tank with bright annealed finish
- Filtered recirculation with sub-micron capable 222-type filter housing



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F-100 SERIES Compact Solvent Cleaning Systems

Model	Overall Dimensions W X L X H	Tank Size W X L X H	Basket Size W X L X H	Distillation Rate	Boiling Heat	Load Capacity	Solvent Capacity	Electrical Requirements	Ultrasonics
	Inches	Inches	Inches	Gal/Hr	W	Lbs./Hr	Gal		
F-100-810	32 x 38 x 46	8 x 10 x 6	6.25 x 8.25 x 6	2.2	750	80	5	208V-240V 1-Phase 50-60 Hz 15 AMPS	58, 132, 192 kHz 250W
F-100-1010	32 x 38 x 53	10 x 10 x 12	8.25 x 8.25 x 10	3.7	1200	130	9	208V-240V 1-Phase 50-60 Hz 15 AMPS	58, 132, 192 kHz 375W
F-100-1812	46 x 66 x 58	18 x 12 x 12	16 x 10 x 10	11.8	4000	600	26	208V-240V 3-Phase 50-60 Hz 35 AMPS	40, 58, 132, 192 kHz 1000W
F-100-2010	44 x 69 x 51	20 x 10 x 10	18 x 8 x 8	8.9	3000	450	25	208V-240V 3-Phase 50-60 Hz 35 AMPS	Direct Bonded Dual Frequency 58/192 kHz 1000W

The F-100 Series is ideal for removing residues like films, fingerprints, greases, mold releases, oils, etc. Applications can be found in most industrial facilities.

Safety

- Refrigeration temperature monitoring
- Boiling tank over temperature signal with solvent replacement warning
- Extended freeboard volume
- Boiling tank low level control
- Vapor level control with reset

Options

- Molecular sieve water removal
- Baskets
- Pre-filter housing
- Basket oscillation
- Patented Vertiflow™ filtration system



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