

FORWARD TECHNOLOGY 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 dimension
- 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 foot print 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



| Model | Overall Dimension 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 Cap. | 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 | 3 | 750 | 80 | 5 | 208V-240V 1-Phase 50-60 Hz 15 AMPS | 58, 132, 192 kHz 250W |
| F-100-1010 | 32 x 38 x 58 | 10 x 10 x 12 | 8.25 x 8.25 x 10 | 5 | 1200 | 130 | 9 | 208V-240V 1-Phase 50-60 Hz 15 AMPS | 58, 132, 192 kHz 375W |
| F-100-1812 | 46 x 66 x 68 | 18 x 12 x 12 | 16 x 10 x 10 | 18 | 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 58 | 20 x 10 x 10 | 18 x 8 x 8 | 18 | 4000 | 600 | 25 | 208V-240V 3-Phase 50-60 Hz 35 AMPS | Direct Bonded Dual Frequency 58/192 kHz 1000W |

The Forward Technology F-100 Series is ideal to remove organic residues like organic films, fingerprints, grease, mold release, oils, etc. Applications can be found in most industrial facilities.



1886 Berkshire Lane North
Minneapolis, MN 55441

Phone: 763.559.1785
Fax: 763.559.3929

Email: sales@crest-ultrasonics.com
www.Crest-Ultrasonics.com

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

