



The Automatic Ultrasonic Series

Automatic Ultrasonic Washer - 18G

MODEL E889

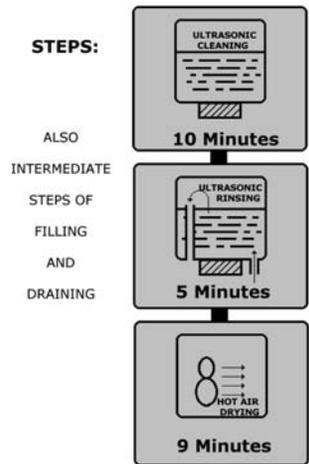


P.O. Box 734
450 Taft Drive
South Holland, IL 60473
800-276-2466
www.esmainc.com
Email: sales@esmainc.com

Features & Specs



A "Hands-off" Procedure



PLACE LOADED BASKET OR RACK INTO TANK, PUSH BUTTON; BUZZER WILL SIGNAL END OF CYCLE

The Esma E889 is an automated computer controlled system which runs a timed cycle of ultrasonic cleaning, ultrasonic rinsing, and hot air drying, all at the push of a button. The cycle time is approximately 30 minutes from start to finish and the 18 gallon tank can handle a large quantity of parts. The dimensions on the tanks are 24 x 14 x 12.

As an automated system, cleaning solution needs to be added for each wash cycle. An automated metering pump device can be added to the system which will meter in concentrated cleaning solution for each wash cycle, further automating the cleaning process and reducing opportunity for operator error. The unit is equipped with standard plumbing fittings allowing it to be easily installed and the casters make the whole unit mobile, conditional on the length of plumbing hoses which are used.

The ultrasonic system runs on standard 110 volt service due to the circuit board frequency and the hot air dryer runs on 230 volt service.

Some of the features of our equipment are as follows:

- All stainless steel construction
- Separate ultrasonic generators contained in console
- RFI filtered
- UL Listed
- **1800 watts, 110VAC**, 40 kHz piezoelectric ultrasonic power Square wave ultrasonic circuitry
- 3,000 watts, 230VAC hot air dryer
- Omron programmer can be used to connect to the computer (PLC) to monitor the "on-line" operation, modify the program or "force on" any step of the program.
- Indicator lights monitor the status of the program.
- Low level protection to shut off ultrasonics if water supply is interrupted.
- High level protection to shut off water input if the drain is blocked.
- End of cycle light and alarm for dryer

Automatic Ultrasonic Washers are designed to simplify the cleaning process. The preprogrammed cycles are very similar to that of a dishwasher but our process incorporates high-powered ultrasonic technology. Esma's ultrasonic washers create a hands-off procedure that includes all the steps; ultrasonic cleaning, ultrasonic rinsing and hot air drying. **Load it and push a button! It's that simple.**

- Virtually eliminates hand scrubbing — risk to personnel is reduced as well as cross contamination that can result from multiple cleanings in the same ultrasonic tank.
- **No more rinsing in sink under running water** — ultrasonic rinsing eliminates the inefficiencies of tap rinsing where ragout contaminants from the cleaner are never fully flushed away.
- **No more open air towel drying** — The messy drip trails created from ultrasonic-to sink-to counter are eliminated and the infection control area of the office is streamlined.

Automatic Ultrasonic Washers create savings in many areas; time, space and aesthetics with the most significant savings being in direct labor dollars and all the hidden costs associated in this area. Payback of capital purchase is measured in months!

MODEL E889			
CABINET DIMENSIONS:	28"W x 22"L x 39"H	ULTRASONIC POWER:	1800 WATT
TANK DIMENSIONS:	24"W x 14"L x 12"D	UNIT POWER:	3500W 15A 120V 3000W 15A 230V
TANK VOLUME:	18 GALLON	CYCLE TIME:	30 MINUTES

- ✓ UNPRECEDENTED WARRANTY
- ✓ SINGLE PUSH-BUTTON ACTIVATION
- ✓ LONG-LASTING POTTED TRANSDUCERS

- ✓ OVER 10 YEARS OF SUCCESSFUL IN-FIELD HISTORY
- ✓ PLC CONTROLLED, CUSTOM PROGRAMMING AVAILABLE

- ✓ ALL STAINLESS STEEL CONSTRUCTION
- ✓ SQUARE WAVE ULTRASONIC CIRCUITRY
- ✓ RFI FILTERED