

ULTRASONIC WATER BATH



The Vector Ultrasonic Water Bath is a versatile tool designed to meet the cleaning needs of diverse industries, offering customizable solutions and reliable performance. Its advanced ultrasonic technology ensures deep cleaning, reaching areas that are difficult to clean with traditional methods, thereby enhancing efficiency and productivity in your operations.



VTR 13-018



Vector Ultrasonic Water Bath

Efficient and Versatile Cleaning Solutions

Overview

The Vector Ultrasonic Water Bath offers efficient and thorough cleaning for a wide range of industries. Operating at 220 V and 50-60 Hz AC, these ultrasonic washers are available in standard tank capacities, with the option to customize tank volumes to meet specific needs. Large-volume tanks and pool models are also available for production platforms requiring higher capacities.

Constructed with durability in mind, the body and tank of the ultrasonic bath are made from stainless steel (EN 1.4301/AISI 304), ensuring long-lasting performance and resistance to corrosion. The ultrasonic system utilizes high-impact piezoelectric crystal transducers, providing powerful ultrasonic energy for effective cleaning. The system operates under timer control, allowing precise cleaning cycles tailored to different applications. Heating resistors are controlled by a thermostat, maintaining optimal temperatures for enhanced cleaning efficiency.



Vector Ultrasonic Water Bath

Applications:

Automotive and Aircraft Industry: Cleaning of engine components, fuel injectors, and other precision parts.

Textile Industry: Removal of oils, dyes, and contaminants from fabrics and machinery parts.

Small Industrial Productions and Coating Jobs: Preparation of surfaces by removing contaminants before coating processes.

Metal and Plastic Goods Cleaning: Effective cleaning of parts and components in manufacturing.

Jewelry Industry: Thorough cleaning of jewelry pieces, removing tarnish and residues.

Healthcare Facilities: Pre-sterilization cleaning of surgical instruments and equipment in hospitals and dental clinics.

Dentistry: Cleaning of dental tools and equipment to maintain hygiene standards.

Laboratories: Cleaning of lab instruments, glassware, and precision equipment.

Food Industry: Removal of residues from equipment and tools, ensuring hygiene standards.

Dirt, Rust, Scale, Chip Cleaning, and Fat Removal: Efficiently eliminates contaminants from various surfaces and parts.

TECHNICAL SPECIFICATION

Model	VTR 13-018-4	VTR 13-018-6	VTR 13-018-10	VTR 13-018-12	VTR 13-018-18	VTR 13-018-28
Control Panel	Digital / Analog					
Boiler Volume	4 Lt.	6 Lt.	10 Lt.	12 Lt.	18 Lt.	28 Lt.
Ultrasonic Frequency	28 KHz.					
Ultrasonic Power	150 W	200 W	300 W	300 W	300 W	550 W
Heater Power	350 W	350 W	700 W	700 W	700 W	1000 W
Total Power	500 W	550 W	1000 W	1000 W	1000 W	1550 W
External Dimensions	250x150x250	310x160x300	310x255x350	310x255x400	340x315x400	515x310x420
Boiler Tub Dimensions	240x135x150	300x 150x150	290x240x150	290x240x200	330x300x200	500x300x200