

Elma TI-H160 UltraSonic Cleaning Tank

Sorry, this machine is no longer available

We might be able to meet your requirements with other [Aqueous Ultrasonic Cleaning & Washing](#) machines.



Stock No	DT1099
Model	TI-H-160
Serial	000097037
Condition	Available Immediately
Work Envelope (WxDxH mm)	600 x 530 x 460mm
Process Stages	Ultrasonic wash tank with wier overflow
Other Info	Available Immediately
Weight (kgs)	225kgs
External Dimensions (WxDxH mm)	850 x 950 x 800mm

Description

Elma TI-H-160 Ultrasonic unit for precision industrial cleaning.

Cleaning with state-of-the-art technology for industry and the workshop

Cleaning unit for aqueous or flammable solutions: these form one of the main ELMA business sectors. This range of industrial ultrasonic units allows for a large variety of cleaning possibilities, particularly in larger cleaning tasks.

Cleaning with first-class technology.

The Transsonic TI-H series consists of a modular design, with a frequency of 35 kHz. Ergonomically designed and suitable for a wide range of materials in the industrial production, repair workshop and service industries.

Major features

- Degas-function to degas cleaning fluid before analysis
- Skimming device in standard units for optional connection to an external oil separator or filter pump aggregate.
- Welded special cavitation resistant Stainless Steel
- Stepless adjustment of ultrasonic power between 100% and 10%
- Normal mode - optimized for labs
- Sweep mode for optimised cleaning result due to better sound field distribution
- Temp. control - 30-80Deg C with quick adjustment
- Timer 0-15 min / and continuous run
- Peak power 3200 watts
- Tank capacity 180ltr
- Usable capacity 135ltr
- Basket size - 490 x 430 x 360mm
- Installed power 7.6kw, 50/60Hz

Terminology

Ultrasonics

Specially designed ultrasonic vibratory systems convert electrical energy into mechanical vibrations. These vibrations are transferred through the walls of a stainless steel bath and into the cleaning fluid. This creates tiny vacuum blubbles in the micrometer range. These bubbles implode at great speed (cavitation). The high-energy jets that result can efficiently remove dirt from surfaces placed in the cleaning bath.

Degassing

Newly prepared cleaning fluid ist saturated with air. The gas should be removed from the fluid in order to optimise its effectiveness in an ultrasonic bath. You can easily accomplish this with the degassing function. Degassing of HPLC solvents in the laboratory

Sweeping

The Sweep function enables continuous shifting of the maximum sound pressure levels, thereby creating a uniform sound field distribution. This produces the optimal distribution of cleaning power throughout the entire cleaning bath.

Frequency 35 kHz:

The Marketplace for Surface Technology.
New and Used Process Equipment & Machinery.
Machine Datasheet



35 kHz for the removal of oils and grease from hard surfaces made of metal, glass plastics etc.

Photographs taken prior refurbishment. Our refurbishment service is not available on all machines.