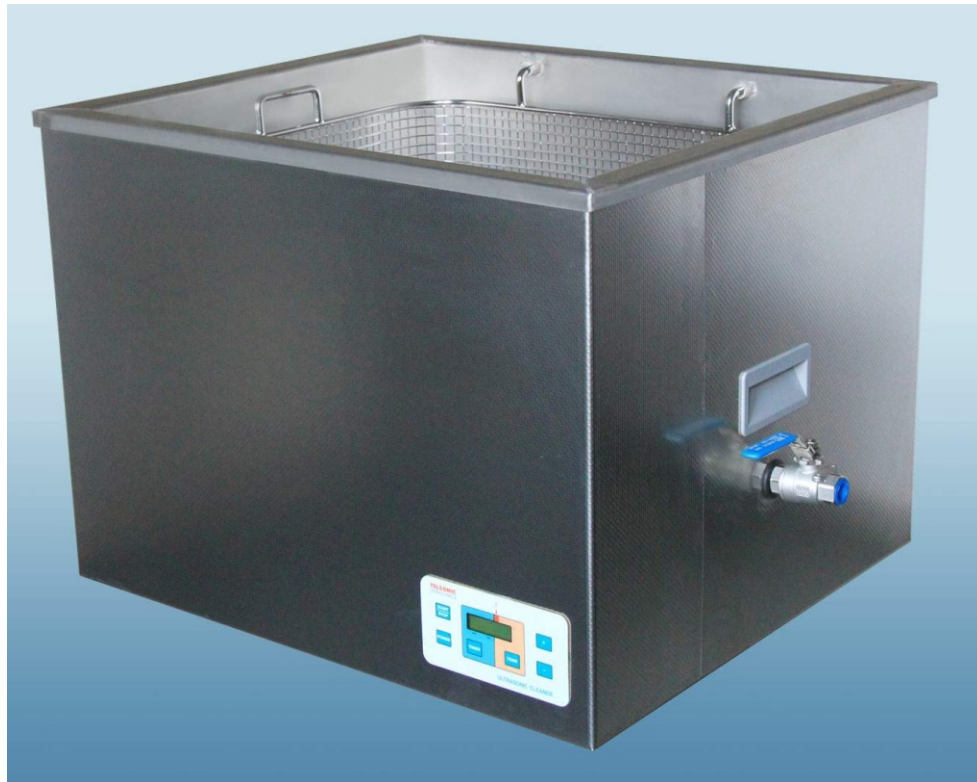


Ultrasonic Industrial Cleaner Systems

When it comes to cleaning small and large parts in general mechanical engineering, the ultrasonic cleaning process has been the method preferred for many years, as being far superior to traditional cleaning processes.

Ultrasonics can remove all kinds of dirt and other particles such as swarf, grinding and polishing residue, as well as oil, grease. Its scope of application ranges from cleaning the movement of a watch to overhauling the engines of a Jumbo jet.

The cleansing effect of ultrasound is due to the phenomenon of cavitation. Billions of minute gas bubbles implode, causing shock waves that undermine the dirt and blast it off. A great advantage is the fact that even completely inaccessible places can be cleaned. Frequencies between 20 and 80 kHz are used, depending on the type of application. The cleaning solution depends on the type of contamination and the subsequent finishing process. The cleaning is mostly performed at fairly high temperatures of 50° C to 80° C in order to optimize the cleaning process.



What benefits does ultrasound cleaning offer?

- ★ Easy handling
- ★ Shortest cleaning time
- ★ Less chemicals
- ★ Lower cleaning temperatures
- ★ Reproducible results

For which industrial sectors is ultrasound cleaning suitable?

- ★ Optics and glass industry
- ★ Electro industry
- ★ Chemical industry
- ★ Galvanic industry
- ★ Precision mechanics industry
- ★ Power plants
- ★ Metal industry
- ★ Automobile industry