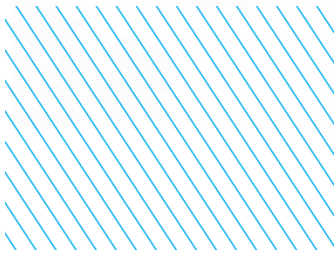


# ULTRASONIC BLOWER



The ultrasonic technology produces an acoustic wind phenomenon in front of the probe without gas displacement: the focusing of the acoustic waves produced by the probe creates a pressure field at a few centimeters distance.

This pressure field is sufficiently powerful to remove particles suspended in a gas or on a surface, without the addition of air or external gas.

This technology is used for many applications: defoaming, particles agglomeration, inert blowing...

## BENEFITS

- No air supply
- No contamination
- Improved yield
- Reduced energy consumption
- Decreased reject rate

# FEATURES

Frequency	Output	Material	Weight
30 kHz*	100 W	Titanium & Stainless steel	1 kg

\*Other frequencies on request.

## APPLICATION EXAMPLE : ULTRASONIC DEFOAMING



Photo credits : Serac

After installation of **ultrasonic defoaming**, the **production rate** of this application has been risen by **50%**.

## PARTICLE AGGLOMERATION

Ultrasonic agglomeration results in the growth of fine particles in suspension (diameter less than 2 microns). The larger particles obtained by this process are easier to filter when using traditional processes.

## INERT BLOWING

Inert blowing is used for filter cleaning, de-dusting, dry decontamination... This process is especially appreciated in confined environments such as clean rooms, food and nuclear sectors.

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