

Soniclean

Ultrasonic Vapour Degreaser



Excellence in ultrasonics

Innovative

Soniclean's UVD provides **precision** cleaning of various components including oxygen, nitrogen, hydraulic, gyrosystems, airframe and engine parts. The UVD has been designed to be used with solvents that have been made to impact minimally on the environment, prevent pollution and conserve resources

Effective

Soniclean's UVD's uses **pulse swept power** to clean with superior penetration, precision and reliability. This technology uses pulsed ultrasonics to ensure powerful, reliable, uniform cleaning to fine parts without the risk of damage to delicate items.

Excellence

Our commitment to **excellence** means that all of our units are made to the highest standards. The units are designed to exceed the Australian Standards 2661 and to provide software driven precision cleaning process control, with an incredible small footprint powered from a standard 15 amps electrical supply.

Features

- Safe and environmentally friendly:
 - unit is airtight-which prevents leakage.
 - uses environmentally friendly solvents-eg. HFE's , HCFC's.
- Easy to use:
 - Unique Access Chamber with solvent recovery system and viewing window.
 - Microprocessor control for precise process management, cleaning and maintenance.
 - programmable ultrasonic power levels.
 - temperature profiling to suit a variety of solvents, solvent cooling and heating, vapour control and condensation.
 - self monitoring micro-filtration.
- Easy access to maintenance areas such as the boil tanks.
- Optional features:
 - In-line turbidity sensing and control to monitor solvent cleanliness (for non-soluble contaminants), internal solvent distillation, I/O ports for external PC control and data acquisition, remote terminal monitoring facilities for control and process optimisation, scumming or any other customisable requirements.



Specifications

Model	UVD 30-30-25
Size of process chamber(mm)	450 x 390 x 710
Overall size (mm)	1200 x 780 x 1950
Weight approx.(kg)	420 kg
Power requirements	240 volts, 1 ph, 15 amps
Cooling water	19 litres per minute
Solvent capacity (litre)	30 litres with 15 litres in reserve holding tank
Recirculation	320 litres per hour
Distillation rate based on HFE	21 litres per hour

Tank size: L=length, W=width, H=height
Specifications subject to change without notice.

Custom construction and/or modification:

Soniclean will design and manufacture a Ultrasonic Vapour Degreaser to your specifications and to suit your requirements.

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