

Kemet Ultrasonic Cleaning Equipment

Industry and manufacturers require thoroughly clean parts (typical applications include the cleaning of lapped components, e.g. mechanical seals, valves and medical equipment). Nothing cleans faster, safer or more thoroughly than Kemet Ultrasonic Cleaners. Getting into awkward and hidden surfaces is no problem. With no moving parts, the vibrating transducers create an implosion of microscopic bubbles through the aqueous cleaning fluid that literally blasts dirt, scale and waste from intricate objects and from the most inaccessible places.

Full range of complimentary Rinse / Dewatering / Drying / Filtration / Platform and Automation equipment is available.

Features

- ◆ Powerful ultrasonics for good cleaning.
- ◆ Thermostatically controlled indirect heating. (heating panels in side walls).
- ◆ Floor sloping to drain valve.
- ◆ Built-in ultrasonic generator.
- ◆ Electronic controls with digital time/temperature display.
- ◆ Level guard which cuts off heating and ultrasonics if there is insufficient liquid in the tank.
- ◆ Double lid with thermal and acoustic insulation.
- ◆ Overflow weir for oil skimming.



DIMENSIONS & TECHNICAL DATA					
Model	Si-25	Si-40	Si-80, 12	Si-120	Si-160, 24
Tank Volume / litres	25	40	80	120	160
External Dimensions / mm	540L x 400W x 500H	640L x 390W x 540H	760L x 460W x 720H	740L x 580W x 745H	1340L x 460W x 770H
Tank Dimensions / mm	385L x 280W x 250H	475L x 265W x 300H	585L x 330W x 400H	585L x 450W x 450H	1180L x 330W x 400H
Basket Dimensions / mm	345L x 240W x 195H	420L x 225W x 225H	540L x 290W x 340H	540L x 400W x 390H	1110L x 280W x 300H
Load / kg	5	5	20	35	40
Ultrasonic Frequency / kHz	30	30	30	30	30
Ultrasonic Power / W	300	600	1200	1200	2400
Heating Power / W	1000	1500	2000	4000	6000
Voltage Frequency / V / Hz	230 / 50	230 / 50	230 / 50	230 / 50	230 / 50
Connected Load / W	1300	2100	3200	5200	8400

Dimensions and data are subject to change without further notice

CLEANING FLUID			
Description	Chemistry	Application	Size
Type A9	Light Alkaline	General purpose - All metals	20kg
Type A	Alkaline	General purpose - All steels	1, 5 & 25 litres
Type H14	Strong Alkaline	Mould cleaning - carbon removal Steel, glass / ceramics	20kg
Type N	Neutral	All materials including plastic	1 & 30 litres
Type I	Acid	Rust & oxide removal on all materials Restore white ceramics etching prior to surface treatment	20kg
M99	De-watering	Removes water moisture & protects	20kg

Kemet cleaning fluids are specialist formulated concentrated detergents available in neutral, alkaline and acid types.

For our full range of cleaning systems, please refer to the Kemet Cleaning Division Literature.