



# nanopac

Precision Degreasing System



*The world's most compact ultrasonic solvent cleaning system*

## Specification and Technical Data

### General System Features:

- Compact Design
- Built in Bund
- 304 Stainless Steel MP1 (Mirror Finish) sumps
- 304 Stainless Steel DP1 (Brushed Finish) casing
- Integrated Water Separator
- Tiny Carbon Footprint
- PLC Controlled
- CE Certified
- Nominal Work Basket Dimensions **200mm (l-r) x 100mm (f-b) x 100mm Deep**
- Manual Sealing Lid

### Vapour Generator Features:

- Low watts density heater matt incorporating high temperature cut off
- Maximum Capacity:
- Manually Operated Drain Valve

### Immersion Sump Features:

- 100 Watts of Crests Patented Ceramically Enhanced Transducer Technology operating at 132kHz
- Low liquid level safety heater shut off
- Maximum Capacity:
- Manually Operated Drain Valve

### Freeboard Zone:

- 100% freeboard ratio to minimize solvent loss
- 4-Sided Refrigerated Condensing Coils connected to a single compressor
- Independent water separation housing
- The water is removed manually from the system via ball valves.
- High vapor temperature sensor

<b>1 General</b>	<b>Nanopac</b>
<b>1.1 Revision</b>	<b>V1.0</b>
<b>1.2 System Type</b>	<b>Nanopac</b>
<b>1.3 Voltage</b>	<b>240V single phase</b>
<b>1.4 Solvent</b>	<b>Vapourwash 701-12 (non-flammable solvent)</b>
1.4.1 Total solvent capacity	5 litres
<b>1.5 Basket</b>	
1.5.1 Internal Dimensions	186mm(w) x 86mm(f-b) x 90mm(d)
1.5.2 Supplied Quantity	1
<b>1.6 Control</b>	
1.6.1 HMI	High Resolution full colour Allan Bradley touch screen.
<b>1.7 Services</b>	
1.7.1 Drain points	Internal 1/4" valves.
1.7.2 Water separator	Desiccant filter.
<b>1.8 Frame</b>	
1.8.1 Base	
1.8.1.1 Dimensions (nominal)	510mm(w) x 450mm(f-b) x 430mm(h)
1.8.1.2 Construction	304 brushed stainless-steel frames, with 304 stainless-steel brushed finish panels, and integrated bund tray

<b>2 Boil Sump</b>	
<b>2.1 Tank</b>	
2.1.1 Tank Size	220mm(w) x 100mm(f-b) x 75mm (liquid depth)
2.1.2 Solvent Capacity	1.65 litres
2.1.3 Temperature measurement	K Type thermocouple
<b>2.2 Heat</b>	
2.2.1 Heater output	480w low watts density heater mat

<b>3 Process Sump</b>	
<b>3.1 Tank</b>	
3.1.1 Tank Size	220mm(w) x 125mm(f-b) x 100mm(d)
3.1.2 Solvent Capacity	2.75 litres
3.1.3 Low level protection	Mechanical float switch
3.1.4 Temperature measurement	K Type thermocouple
<b>3.2 Sealing lid</b>	<b>Manual clamping lid</b>
<b>3.3 Ultrasonics</b>	
3.3.1 Frequency	132Khz
3.3.2 Wattage	100 watts
3.3.3 Transducer type	Bonded Transducers
<b>4 Refrigeration</b>	
<b>4.1 Refrigeration coil temperature</b>	<b>Operating between 0°C and -15°C</b>

For further information regarding this product please contact us at:



[info@vapourwash.com](mailto:info@vapourwash.com)