Gentle, precision critical cleaning
Soniclean’s unique state-of-the-art pulse swept power technology ensures items such as dental and medical instruments and laboratory equipment are cleaned to your exacting requirements without damage to expensive delicate components. Pulse swept power technology delivers more gentle, precise and thorough ultrasonic cleaning. The use of multiple frequencies of ultrasonic waves instead of the standard fixed frequency wave enables Soniclean ultrasonics to achieve total and even ultrasonic coverage throughout the entire bath.

Environmentally friendly and cost effective
Soniclean’s award winning benchtop ultrasonic cleaners provide an environmentally friendly and cost effective alternative method of precision critical cleaning.

Many applications
Ultrasonic cleaning enables you to clean a range of items quickly and easily without manually scrubbing them. There are many cleaning applications for ultrasonics such as medical, dental, veterinary, podiatry, optical frames and lenses, tattoo and body piercing, jewellery, watches, printed circuit boards, automotive components, fuel injectors, ink cartridges, filters, sieves, spray gun nozzles, scuba apparatus and many more items that rely upon gentle precision critical cleaning for quality operational performance. Soniclean benchtop ultrasonic cleaners can also be used for other applications including chemical mixing, homogenisations and degassing.

Soniclean have an ultrasonic cleaning solution for you. To discover more just ask us!

Soniclean - Leadership in ultrasonics
Soniclean’s many satisfied customers over the past fifteen years include Major Hospitals, Day Surgeries, Universities, Research Laboratories, Medical and Dental Suppliers, Government Health Departments, Motor Vehicle Manufacturers, the Department of Defence, Mining, Aviation and Electronic Companies.

Soniclean is an ISO9001:2000 accredited company.

The Soniclean range of benchtop ultrasonic cleaners are CE compliant and listed with the Australian Therapeutic Goods Administration (TGA) ARTG #104498.
Features

- Compact and quiet
- Easy to use:
  - touch control keypad.
  - with timer, heater, degassing function and power level control.
  - standard drainage outlet and lifting handles fitted to larger models.
- Safe to operate:
  - made in Australia with reference to Australian Standards AS2773 and AS4187
  - completely sealed construction to International Protection Standards IP66/67
- Accessories:
  - high quality practical accessories including lids, trays, baskets and beaker holders.

Custom made and optional extras

- Soniclean will design and manufacture a custom made ultrasonic cleaning machine to meet the specific needs of your business. We also provide options such as digital display, variable temperature control, counter balanced lid and re-circulating filter pump.
- Immersible transducers custom designed for your particular application, which can also be incorporated into an existing tank of any size effectively converting it into an ultrasonic tank.

Specifications

<table>
<thead>
<tr>
<th>Soniclean Model</th>
<th>Bath size L x W x D(mm)</th>
<th>Footprint L x W x H(mm)</th>
<th>Bath capacity (litre)</th>
<th>Pulse Swept Power</th>
<th>Heating (peak)</th>
<th>Weight approx.(kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>80T</td>
<td>235x138x65</td>
<td>270x160x125</td>
<td>1.6 litre</td>
<td>60W</td>
<td>-</td>
<td>1.5 kg</td>
</tr>
<tr>
<td>120T</td>
<td>153x138x100</td>
<td>190x175x165</td>
<td>2.0 litre</td>
<td>60W</td>
<td>-</td>
<td>1.5 kg</td>
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<tr>
<td>160HT, 160T</td>
<td>235x138x100</td>
<td>270x160x160</td>
<td>3.0 litre</td>
<td>70W</td>
<td>100W</td>
<td>3.0 kg</td>
</tr>
<tr>
<td>250HT, 250T</td>
<td>295x150x150</td>
<td>333x185x220</td>
<td>6.0 litre</td>
<td>120W</td>
<td>200W</td>
<td>3.5 kg</td>
</tr>
<tr>
<td>500HT, 500T</td>
<td>298x238x150</td>
<td>333x275x220</td>
<td>10.0 litre</td>
<td>130W</td>
<td>200W</td>
<td>4.0 kg</td>
</tr>
<tr>
<td>750HT, 750T</td>
<td>295x235x200</td>
<td>333x275x260</td>
<td>14.0 litre</td>
<td>180W</td>
<td>200W</td>
<td>4.0 kg</td>
</tr>
<tr>
<td>1000HT, 1000T</td>
<td>495x295x150</td>
<td>545x340x220</td>
<td>20.0 litre</td>
<td>250W</td>
<td>400W</td>
<td>6.0 kg</td>
</tr>
<tr>
<td>2000HT, 2000T</td>
<td>495x295x200</td>
<td>545x340x335</td>
<td>30.0 litre</td>
<td>350W</td>
<td>400W</td>
<td>7.0 kg</td>
</tr>
<tr>
<td>3000HT, 3000T</td>
<td>620x495x200</td>
<td>675x545x280</td>
<td>60.0 litre</td>
<td>600W</td>
<td>1600W</td>
<td>15.0 kg</td>
</tr>
<tr>
<td>3800HT, 3800T</td>
<td>600x450x300</td>
<td>710x550x370</td>
<td>80.0 litre</td>
<td>650W</td>
<td>1600W</td>
<td>20.0 kg</td>
</tr>
</tbody>
</table>

HT=Heater and timer, T=Timer

Bath size and footprint: L=length, W=width, D=depth

Specifications subject to change without notice.

What is ultrasonics and how does it work?

Ultrasonics is like sound waves that have frequencies above our range of hearing. The ultrasound energy is transmitted into the liquid in the cleaning bath via transducers. This energy causes cavitation, which is the rapid implosion and explosion of tiny bubbles of air within the liquid. Cavitation causes turbulence in the liquid that gently scrubs all surfaces of the items being cleaned. Cavitation and pulse swept power is the underlying science of Soniclean’s thorough, precision, critical cleaning process.