

# Soniclean™

## Benchtop Ultrasonic Cleaners



### **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.

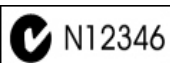
## Specifications

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

HT=Heater and timer, T=Timer

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

Specifications subject to change without notice.



AS/NZS ISO 9001:2000  
Approved by BVQI

TGA Registration  
Class 1 Certification  
ARTG # 104498

## 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.

**So Easy      So Fast      So Clean      Soniclean**

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