



Ultrawave

hygea[®] 5000

Automated ultrasonic cleaner
for cannulated instruments



Features

- Touch Screen Control
- Fully Automated
- Fully traceable cleaning cycle

Automated ultrasonic cleaner for
cannulated instruments

The Hygea 5000 provides a
complete automated process for
pre-sterilisation cleaning.

hygea[®] 5000

Automated ultrasonic cleaner for cannulated instruments

Model	Hygea 5000 ultrasonic cleaner
Use	Pre-sterilisation cleaning of cannulated and other surgical instruments
Tank dimensions	655 x 320 x 180mm (W x D x H)
Unit dimensions	1140 x 550 x 1100mm
Loading basket:	625 x 300 x 90mm
Capacity	30 litres/12 or 24 cannulated instruments
Construction	<ul style="list-style-type: none">• High grade stainless steel tank• Medical grade stainless steel tank• Ultrawave ultrasonic transducers
Control	<ul style="list-style-type: none">• Siemens Touch Screen HMI controls• Upgradeable software• SLS – split level security
Validation	<ul style="list-style-type: none">• Integral printer for cycle traceability• Location• Operator• Cycle no• Date & time
Operating features	<ul style="list-style-type: none">• Locking lid prevents cycle interruption• Full cycle validation and traceability• Manifolds for effective cleaning of cannulated instruments• User programmable spray, flush, clean and rinse cycle
Automated functions	<ul style="list-style-type: none">• Automatic fill• Automatic does• Automatic irrigation• Automatic ultrasonics• Automatic rinse• Automatic drain• Validation print out
Electrical supply	<ul style="list-style-type: none">• 13 Amp standard 3 pin socket
Required water services & drainage	<ul style="list-style-type: none">• Cold water supply: ¾" BSP male outlet (valved)• Hot water supply: ¾" BSP male outlet (valved)• Max temperature 65°C• Required flow rate: 7.5 litre per minute• RO/DE-O water supply: ¾" male outlet (valved)*• Waste connection: 30-4mm (standard washing machine outlet) <p>*2 x cold water supplies if unavailable</p>

1. HTM Compliant

The Hygea 5000 meets the relevant guidelines for ultrasonic cleaners as stipulated in HTM2030 for pre-sterilisation cleaning of both cannulated and other surgical instruments.

2. Locking lid

Prevents instrument removal before being fully cleaned and increasing operator safety.

3. Rapid & effective instrument cleaning

Up to 12 cannulated instruments can be cleaned in one cycle, or 24 with an additional manifold kit.



4. Touch Screen LCD Control

User friendly touch screen control.

5. Integral validation printer

Provides a traceable and validated record of every cycle.

6. Fully automatic system

Dirty instruments in, clean instruments out with a single touch of a button:

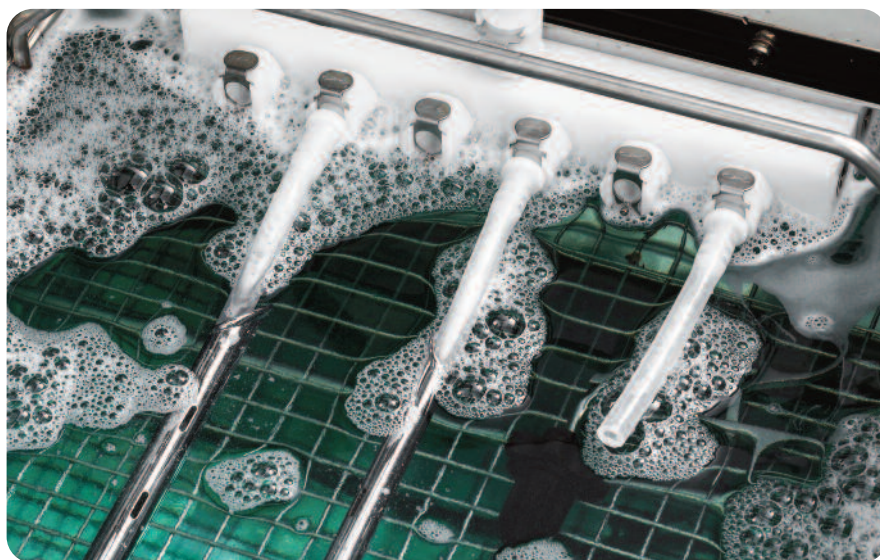
- Automatic fill
- Automatic dose
- Automatic ultrasonics
- Automatic irrigation
- Automatic rinse
- Automatic drain
- Validation print out

7. Contract approval

The Hygea 5000 is approved on the NHS Supply Chain framework for Sterile Services.

8. Split Level Security

Password controlled, programmable cycle set up.



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Hygea 5000 Accessories

Hygea 5000 Accessory Kit

The Hygea 5000 is supplied complete with an accessory kit which contains all the fittings to connect cannulated instruments to the machine's irrigation ports.



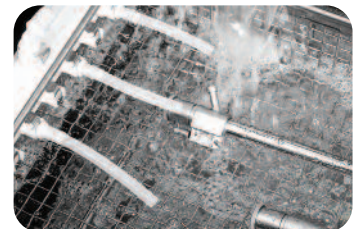
Hygea 5000 Manifold Kit

Allows 24, rather than 12 cannulated instruments to be connected, increasing the throughput of your Hygea 5000.



Hygea Ultrasonic Activity Meter

The Hygea Ultrasonic Activity Meter is a simple to use device which gives an indication of the level of ultrasonic activity in the bath. Increasingly recognised as an alternative to the foil test, this Activity Meter allows easy performance monitoring of the bath over time.



Hygea Ultrasonic Validation Kit

Periodic performance testing can be carried out by the operator. The Brownes STF Load Check test indicates cleaning efficacy while Aluminium foil or the Activity Meter indicates ultrasonic activity.



Service and validation

Ultrawave's Service team provides full installation, commissioning, periodic validation and training options for the Hygea 5000, in line with recognised HTM standards.



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