
**Advanced autopsy saw
and extraction systems**

CleanCut



CleanCut™ saw systems

low voltage and air

Safe power

The De Soutter Medical CleanCut™ autopsy saw system incorporates a saw handpiece and an extractor system which operates to the highest standards of pathogenic debris containment and filtration.

The safe 40 V d.c. handpiece is fully immersible allowing it to be routinely scrubbed and disinfected after use.



The clear-view plastic extractor hood can be rotated to the most convenient working position. The 3 metre long extractor hose is smooth bored for efficient flushing and disinfecting.



Improved cutting access is allowed by the slim, extended nose incorporated on the handpiece.

A rotary knob, located on the control box, allows the saw oscillating speed to be varied from zero to maximum for optimum cutting efficiency. The control box is splash proof for easy cleaning.

System complete
NS3A



NS3 saw specification

| | |
|-------------------------|------------------------------|
| Oscillating speed range | 0-14000 osc/min. |
| Voltage | 40 V d.c. |
| Motor power | 100 Watts |
| Motor protection | Overload cut-out, auto reset |
| Mode of operation | Continuous |
| Cable length | 5 metres |
| Length | 275 mm |
| Weight | 1.15 kg |
| Sound level | 70 dB(A) |

Degree of protection against ingress of liquid IP67-immersible at 1 metre



NS3

NS170 air driven oscillating saw

This saw has been specifically developed to allow repeated sterilization by vacuum steam autoclaving i.e. 3 1/2 minutes at 134°C, gravity steam for 60 minutes at 121°C or 35 minutes at 132°C.



| | |
|---------------------------|----------------------------------|
| Oscillating speed | 17000 osc/min. |
| Air consumption | 3.3 l/s (7cfm). |
| Normal operating pressure | 6 bar (87 lbf/ in ²) |
| Length | 267 mm |
| Weight | 0.86 kg |
| Sound level | 75 dB(A) |
| Part No. | 222664 |

See page 4 for saw blade and co-axial hose options.



The suction rate can be switched between powerful 'high' and quieter 'low' setting.



Extraction is switched on and off by the handpiece button. Once switched off, the saw will run for a further 5 seconds to purge system of debris.

System complete CNS3A

The extractor has five levels of filtration enabling the system to meet the highest health standards. The first level is a disposable inner bag which retains debris when removed from the extractor for disposal.

Level 2 is a zipped cloth outer bag which retains debris if the inner bag fails. Alternatively it may be disposed of with inner bag without opening the zip.

Levels 3 and 4 comprise two cloth filters which protect the micro filter in the event of a split or poorly fitted paper or cloth bag. They may be rinsed and soaked in disinfectant if required.

Level 5 is a micro filter which is located within the extractor units power head. It contains 99.997% of particles greater than 0.5 microns.

Control box specification

| | |
|------------------|---------------------|
| Supply voltages | 120 V~ or 230 V~ |
| Output to saw | 40 V d.c. |
| Supply frequency | 50-60 Hz |
| Power | 120 Watts maximum |
| S.R.S. | Safety reset system |
| Splash proof | IP64 |
| Weight | 2.95 kg |
| Dimensions | 240L x 128H x 120W |

Extractor specification

| | |
|---------------------|----------------------|
| Supply voltages | 120 V~ or 230 V~ |
| Motor power (max.) | 1 kW |
| Supply frequency | 50-60 Hz |
| Suction | 2500 water gauge mm |
| Sound level | 58 dB(A) |
| Filtration | 99.997% >0.5 microns |
| Debris bag capacity | 7.5 litres |

How to order NS3 saw and extractor system

| System components | U.K. 230 V SSU plug | Euro 230 V less plug | 120 V less plug |
|-------------------------------|---------------------|----------------------|-----------------|
| NS3 saw | Part No. 1250444 | 1250444 | 1250444 |
| Hose kit | Part No. 5550 | 5550 | 5550 |
| Extractor and control box | Part No. 5280 | 7850 | 5270 |
| Complete system ordering code | CNS3A-230UK | CNS3A-230EU | CNS3A-120 |

How to order NS3 saw and control box with handles - less extraction

| | | | |
|-------------------------------|------------------|------------|----------|
| NS3 saw | Part No. 1250444 | 1250444 | 1250444 |
| Control box | Part No. 605903 | 613573 | 606763 |
| Complete system ordering code | NS3A-230UK | NS3A-230EU | NS3A-120 |

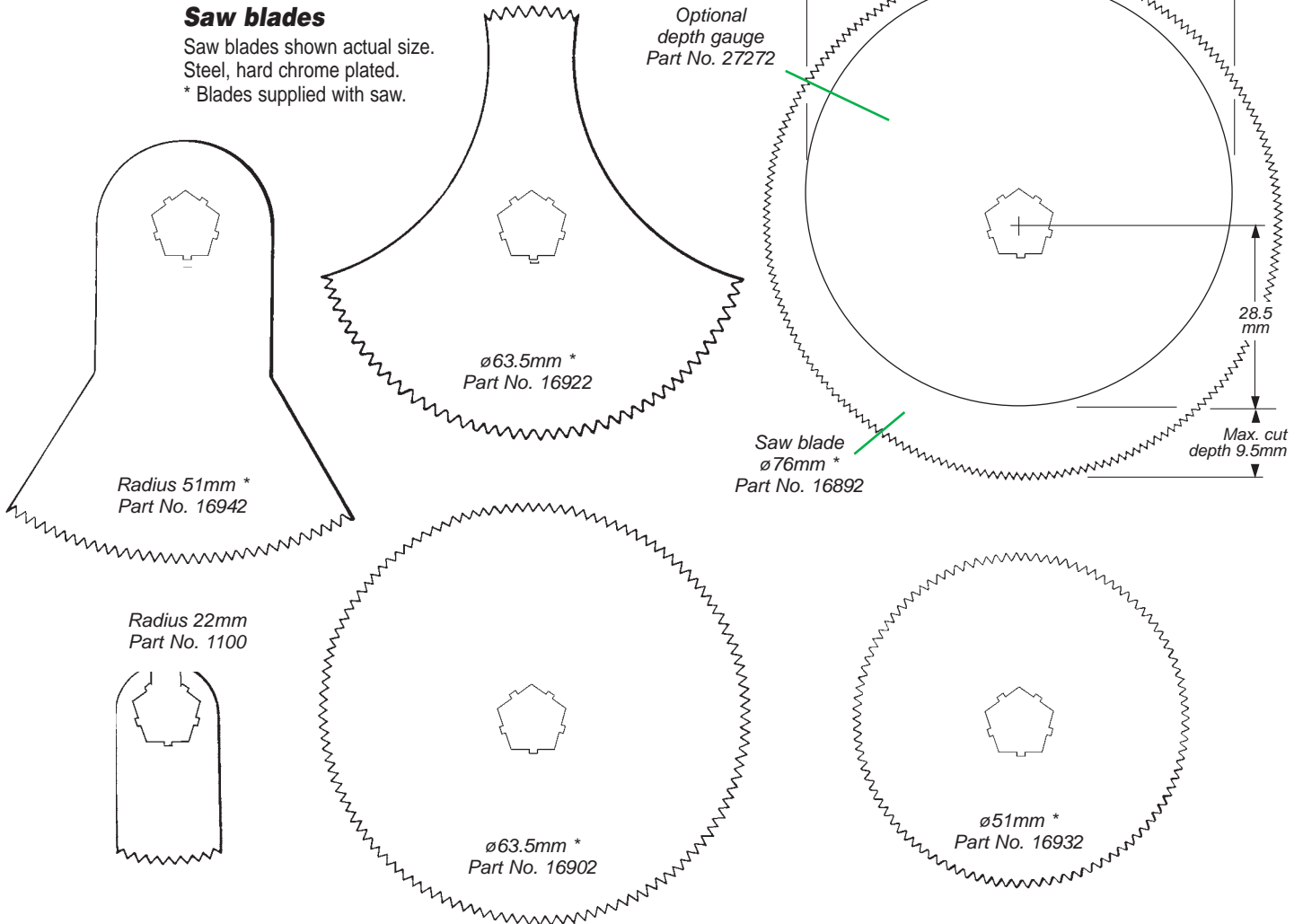
The 230 V extractor and control box are suitable for connection to the Hospital Safe Supply Unit (S.S.U.) Both the saw and extractor conform to BS 5742. Part 1 1989 (I.E.C. 601-1 1988). All products conform to the Medical Devices Directive 93/42/EEC and are CE marked. The extractor is individually certified to ensure it exceeds the filtration standard as specified in BS5415 (Part 2. Section 2.2., Sup. 1, Clause 22.102.) and complies with current C.O.S.H.H. regulations.

CleanCut™ saw systems

accessories

Saw blades

Saw blades shown actual size.
Steel, hard chrome plated.
* Blades supplied with saw.



Accessories

3 metre NS3 saw extension cable - Part No. 5500
Autopsy debris bag - Part No. 5190
Paper bag - Pack of 10 - Part No. 602763

Air supply hoses for NS170-T

Combined air supply and exhaust co-axial hose which features a special quick action connector.

| Length | Supply end fitting - Part No. | | | |
|--------|-------------------------------|------|------|---------|
| | BOC MA7 | A.O. | AGA | Draeger |
| 3 m | 5300 | 5330 | 5360 | 5360 |
| 4 m | 5310 | 5340 | 5370 | 5370 |
| 5 m | 5320 | 5350 | 5380 | 5380 |



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Publication No.116 Issue 4