

CleanCut™

Autopsy saws
and extraction
system



de Souther
MEDICAL

CleanCut™ saw systems

low voltage and air

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 42 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.



Saw and control box system complete NS3A

NS3 saw specification

| | |
|-------------------------|------------------------------|
| Oscillating speed range | 0-14000 osc/min. |
| Voltage | 42 V d.c. |
| Motor protection | Overload cut-out, auto reset |
| Mode of operation | Continuous |
| Cable length | 4 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 Electric Saw

NS170-T air driven oscillating saw

This saw has been specifically developed to allow repeated sterilization by vacuum steam autoclaving



| | |
|---------------------------|----------------------|
| Oscillating speed | 17000 osc/min. |
| Air consumption | 3.3 l/s (7cfm). |
| Normal operating pressure | 7 bar (101 lbf/ in²) |
| Length | 267 mm |
| Weight | 0.86 kg |
| Sound level | 75 dB(A) |
| Order code | 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 extractor will run for a further 5 seconds to purge system of debris.

NS3 Saw and extractor 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 | 42 V d.c. |
| Supply frequency | 50-60 Hz |
| 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 |

NS3 saw and extractor system comprises:

| System components | | U.K. 230 V UK plug | Euro 230 V Euro plug | U.S.120 V U.S. plug |
|---------------------------|------------|--------------------|----------------------|---------------------|
| NS3 saw | Order code | 1250444 | 1250444 | 1250444 |
| Hose kit | Order code | 5550 | 5550 | 5550 |
| Extractor and control box | Order code | 5280 | 7850 | 5270 |
| Complete system | Order code | CNS3A-230UK | CNS3A-230EU | CNS3A-120 |

NS3 saw and control box with handles - less extraction - comprises:

| | | | | |
|-----------------|------------|----------|------------|----------|
| NS3 saw | Order code | 1250444 | 1250444 | 1250444 |
| Control box | Order code | 605903 | 613573 | 606763 |
| Complete system | Order code | NS3A-230 | NS3A-230EU | NS3A-120 |

CleanCut™ accessories

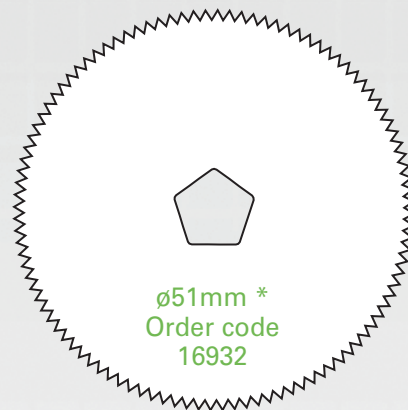
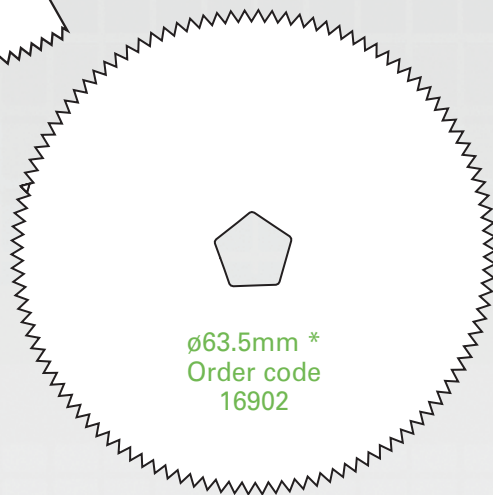
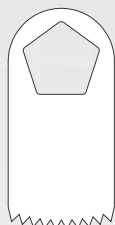
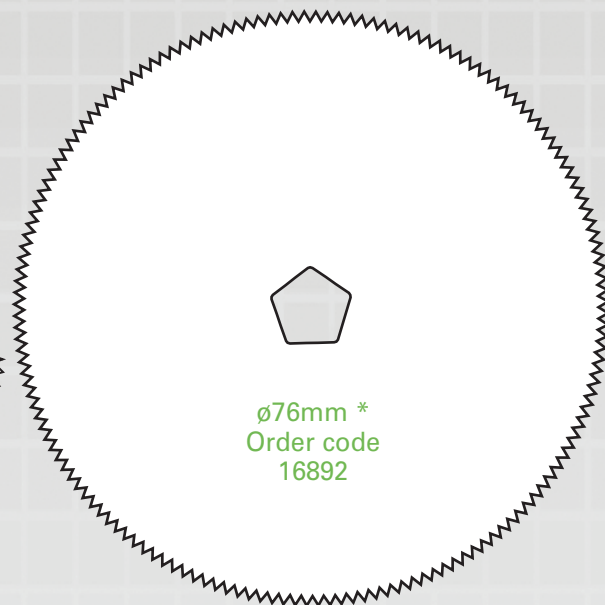
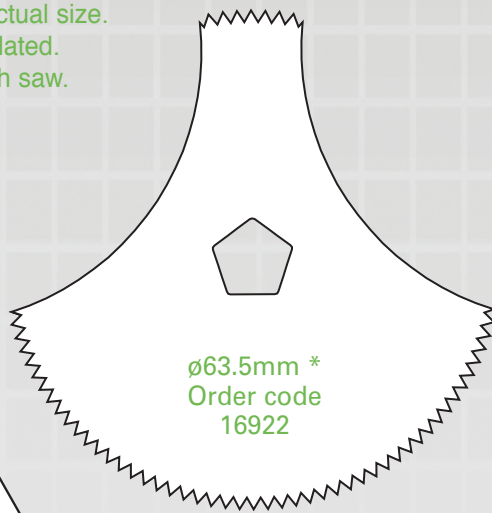
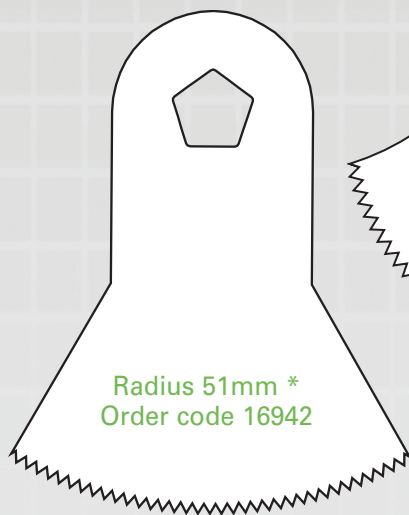
Saw blades and hoses

Saw blades

Saw blades shown actual size.

Steel, hard chrome plated.

* Blades supplied with saw.



Accessories

3 metre NS3 saw extension cable - Order code 5500



Synthetic
inner debris bag -
Pack of 10
Order code 602763



Autopsy
outer debris bag
Order code 5190

Air supply hoses for NS170-T

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

Supply end fitting - MA7.
Other probe types available.

3 m length Order code 13000
4 m length Order code 13100
5 m length Order code 13200



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