

# 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/ in <sup>2</sup> )
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 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	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

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

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

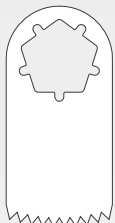
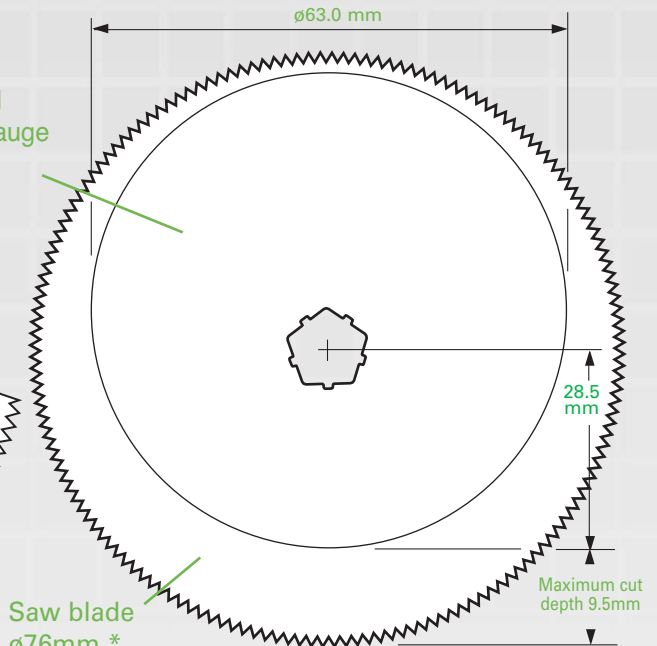
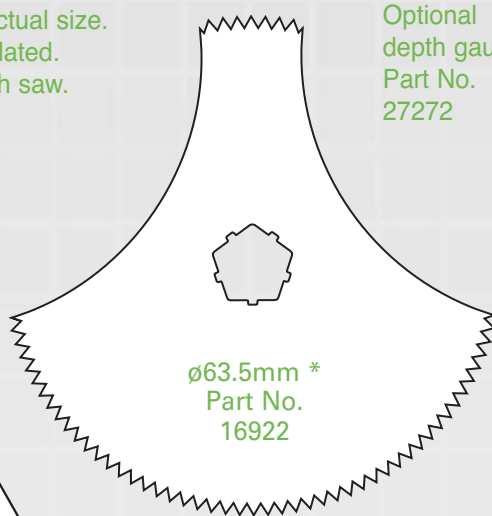
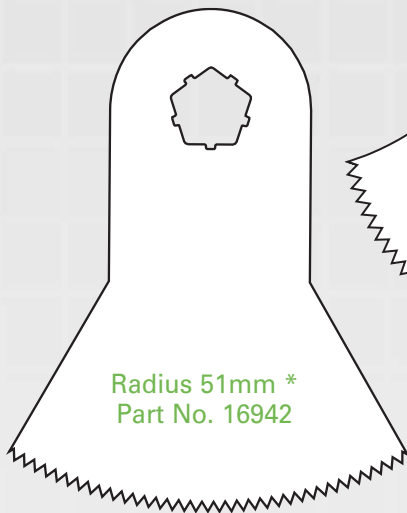
All products shown in this catalogue are CE marked and conform to the Medical Devices Directive 93/42 EC.

# CleanCut™ accessories

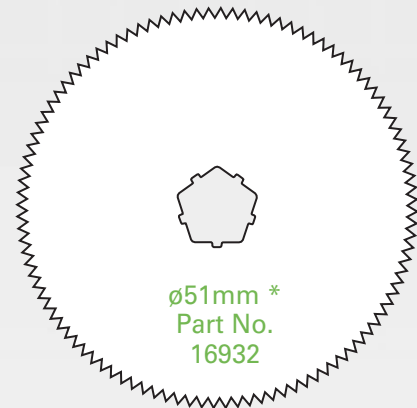
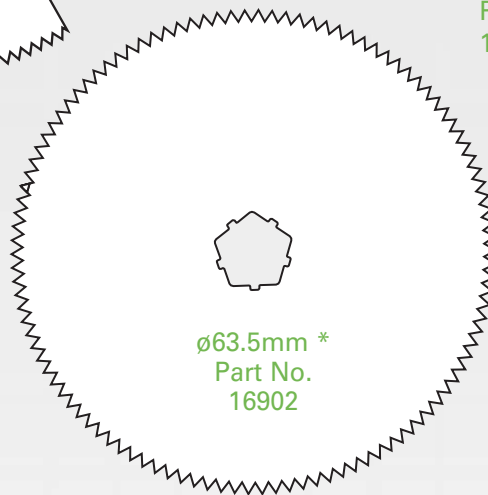
## Saw blades and hoses

### Saw blades

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



Radius 22mm  
Part No. 1100



### Accessories

3 metre NS3 saw extension cable - Part No. 5500



Synthetic inner debris bag -  
Pack of 10  
Part No. 602763



Autopsy outer debris bag  
Part No. 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 Part No. 13000  
4 m length Part No. 13100  
5 m length Part No. 13200



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