



AUTOPSY SAW



Medezine 5000 (Complete System)

Medezine have been manufacturing medical saws for over 20 years and they are now used extensively throughout the world.

The new 5000 unit has been built to cope with the increasing demands in Autopsy work after working closely with its existing users.

Safety and efficiency are key factors when purchasing any electrical equipment and the 5000 has been specifically designed with these features in mind. The hand piece can be fully immersed for cleaning without any danger to the user. It has been designed for ergonomic efficiency to reduce operator fatigue and is one of the quietest saws available.

The complete Medezine 5000 system is capable of handling health endangering dusts and protecting the user from harmful debris.

New Features

The Medezine 5000 has been improved to meet today's needs and features with the following changes:

- Redesigned power supply to give more power to the hand piece to cope with increased demand.
- Top mounted power lead for easy removal of the hand piece
- New hand piece storage position to improve stability
- Larger chassis wheels for easier manoeuvrability
- The hand piece now has heavy duty bearings to give a longer life

The Saw Hand Piece

A well balanced cutting head which weighs only 1300g and is ergonomically designed to reduce user fatigue. The unit is fed from the power supply and operates on a very safe 40 volts.

The hand piece is hermetically sealed and is watertight to IP67 allowing easy washing and disinfection so the enclosed motor cannot become contaminated. All external materials used in its construction are non corrosive.

Power Supply

The new power supply uses a one button operation to turn on both the saw and vacuum unit and is protected to IP65 indicating its safety in a wet environment. An intelligent current limiting device which resets itself automatically is incorporated into the power supply to prevent overloading. It has been updated with the latest technology with increased power to the hand piece and updated safety features. Available in either 110 or 240 volt.

Vacuum Unit

The vacuum unit is very compact and incorporates a highly efficient 3 stage filter – paper filter bag, cloth filter and HEPA filter cartridge filtering down to 0.6 microns. The unit is drip proof to IP44 with a bag capacity of 7 litres.

Medezine 5000 Portable

This comprises of the power supply and hand piece and is fitted with non slip rubber feet and a handle for easy movement. It comes complete with blades and nut wrench and is ready to use straight away. The filtration unit can be added at a later date if required.



Medezine Filter Kit

Contains all your requirements for running the unit.

Contains: 50 Paper Filters, 1 Cloth Filter, 1 HEPA Filter, 10 Vacuum Hoods, 1 Vacuum Hose with Quick release fittings.

Flexible Hood

The flexible hood can be cut and shaped for ease of use without compromising the vacuum efficiency.

Blade clamp kit

Used for removal of the blades.

Contains: Nut wrench and two blade clamp retaining screws.

Depth Gauge

A concentric depth gauge to stop the blade penetrating too deeply. Available to fit either 64mm or 76mm blades

Blades

64mm Circular Autopsy Blade pack of 10 – The most popular blade for autopsy use. A coarse set on the teeth ensures minimal blockage. With four point fixing so can be rotated to a new position when one saw area becomes blunt.

64mm Circular Plaster Blade pack 10 – A fine set on the teeth ensures finer work and less hazard of slipping. Can be rotated for increased usage.

76mm Circular Autopsy Blade pack 10 – A larger blade for increased working depth.

51mm Segmental Autopsy Blade pack 10 – A segmental blade for deep work in specialist environments.

Medezine Annual Filter Package

Take the worry out of remembering to order filters. A renewable filter contract supplies one delivery of:

50 paper filters, 5 Vacuum Hoods, 1 Cloth Filter, 1 HEPA Filter, 1 Vacuum Hose with quick release fittings.

6 months later there is a further delivery of:

50 Paper Filters, 1 Cloth Filter, 1 HEPA Filter.

Buying this way is a considerable saving against buying the components separately

Medezine Hand Piece Annual Service Contract

Send your hand piece back for an annual service. We strip clean, check and replace where necessary for peace of mind. Loan saws are available.

PARTS LIST

MSYS 5000	Medezine 5000 Complete with Filtration Unit
MSYS-PORT	Medezine 5000 Power Supply and Hand Piece Portable Unit
MHPC 5000	Medezine 5000 Hand Piece Only
MPS 5000	Medezine 5000 Power Supply Only
MFIL 5000	Medezine 5000 Filtration Unit Only
MBC 64M	Medezine 64mm Circular Autopsy Blade pack 10
MBC 64P	Medezine 64mm Circular Plaster Blade pack 10
MBC 76	Medezine 76mm Circular Autopsy Blade pack 10
MBS 51	Medezine 51mm Segmented Autopsy Blade pack 10
MVH	Medezine Vacuum Hood pack 10
MVPN	Medezine Vacuum Pipe QR ends
MPF50	Medezine Vacuum Unit Paper Filters pack 50
MCF	Medezine Vacuum Unit Cloth Filter
MVPEX	Medezine Vacuum Hose extension 4.0 metre
MKITSQ	Medezine Blade Clamp Kit
MKITSERV	Medezine 5000 Service Kit
MKITCONT	Medezine 5000 Annual Filter Contract
MML	Medezine Mains Supply Lead
MMLHD	Medezine Mains Supply Lead Armoured
MCONFU	Medezine Hose Connector - Vacuum Hose to Filtration Unit
MCONVU	Medezine Hose Connector - Vacuum Hose to Vacuum Hood
MDG64	Medezine Depth Gauge for 64mm Blade
MDG76	Medezine Depth Gauge for 76mm Blade

TECHNICAL SPECIFICATIONS

Power Supply

Transformer manufactured to: IEC - EN60742
Output: Saw 40 VDC
Enclosure manufactured to: IEC529, DIN40050
Protected to: IP65
Protection: Electronic Current Limiting, Device Double Pole Fused
Constructed to: IEC60601-1
Weight: 1.7kg
Input voltage: 230 Vac or 110 Vac
Cable: 4.0m fitted

Hand Piece

Motor: DC Permanent magnet
Speed: no load 13200 cycles per min
Current: no load 40Vdc 0.75amp
Typical load: 1.5 amps
Construction: Anodised Aluminium body with 5 bearing sealed mechanism
Protected to: IP67
Noise Level: 37dB (A) no blade
Vibration Value: 4.12 m/s²
Weight: 1.3kg

Vacuum Unit

Motor: Rated 750 Watt
Container Capacity: 7.0 litre
Air Volume Open (max): 90 litres/sec
Max Vac Closed: 1650mm WG
Filtration: 99.997% at 0.6 micron
Dimension: Height 940mm including handle
Width: 530mm Chassis Base
Weight: 11.5kg
Noise level: 66Db at 1 metre

Technical Requirements

IEC/EN 60601-1
EMC 2004/108/EC

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