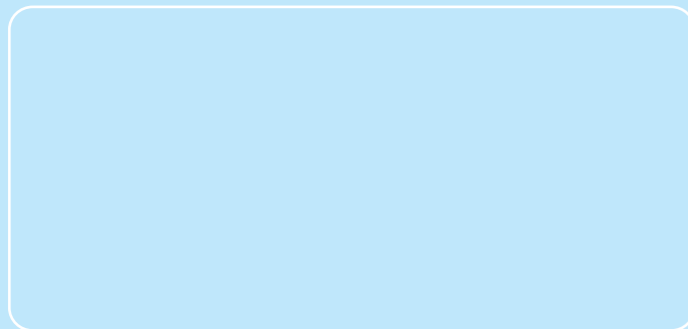


Parts

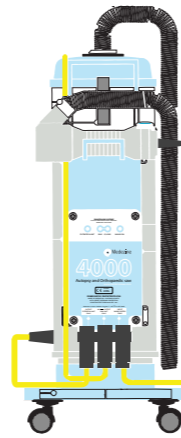
MSYS 4000	Medezine 4000 Complete with Filtration System
MSYSPOPT	Medezine 4000 Power Supply and Hand Piece Portable Unit
MHPC 4000	Medezine 4000 Hand Piece Only
MPS 4000	Medezine 4000 Power Supply Only
MFIL 4000	Medezine 4000 Filtration Unit Only
MBC 64M	Saw Blade Circular 64mm Autopsy Pack 10
MBC 64P	Saw Blade Circular 64mm Plaster Pack 10
MBC 76	Saw Blade Circular 76mm Autopsy Pack 10
MBS 51	Saw Blade Segmented 51mm Pack 10
MVH	Medezine 4000 Vacuum Hoods Pack 10
MVP	Medezine 4000 Vacuum Pipe 1.6m
MPF50	Vacuum Unit Paper Filter Pack 50
MCF	Vacuum Unit Cloth Filter Each
MMF	Vacuum Unit Micron Filter Each
MVPEX	Vacuum Hose Extension 4.0 metres long
MEL	Saw Unit Extension Lead used with above
MVP40	Vacuum Extension Kit - both above parts
MKITSQ	Blade Clamp Kit
MKITSERV	Medezine 4000 Service Kit
MKITCONT	Medezine 4000 Filter Service Annual
MML	Medezine 4000 Mains Supply Lead
MCONFU	Hose Connector – Vacuum Hose to Filtration Unit
MCONVU	Hose Connector – Vacuum Hose to Vacuum Hood at Hand Piece
MHPCEX	Medezine 4000 Service Exchange Hand Piece

Distributor



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E sales@medezinesaws.com
W www.medezinesaws.com



Technical information

Power Supply

Transformer- to BS415
Output- Saw 40 VDC
Enclosure- to BS5490, IEC529, DIN40050 protected to IPX5
Protection- Electronic Current Limiting Device Double Pole Fused
Constructed- to BS5724 and IEC601
Weight 1.7kg
Input Voltages- 230 Vac or 110 Vac
Cable- 4.0 metres fitted

Vacuum Unit

Motor- Rated 750 watts
Container Capacity- 7.0 litres
Air Volume Open (max)- 90 litres/ sec
Max Vac Closed- 1650mm WG
Filtration- 99.997% at 0.6 micron to BS3928 Cert supplied
Dimensions- height 760mm including Chassis, Diameter 225mm
Weight 11.5 kg

Hand Piece

Motor- DC Permanent magnet
Speed- no load 12000 cycles per min.
Current – no load 40 Vdc 0.75 amps
typical load 1.5 amps
Construction – Anodised Aluminium body with 4 bearing sealed mechanism
Protected to – IPX7
Audio Output – 37 dB(A) No Blade
Weight- 1.4 kg

Technical Requirements

CE
93/42/EEC
73/23/EEC
89/336/EEC
BS 5724 Part 1;1989
Medical Electrical Equipment IEC 601-1
Test Ref No. - 74543



2002/289



Oscillating Medical Saw

 Medezine

4000

Autopsy and Orthopaedic saw

www.medezinesaws.com

4000

Autopsy and Orthopaedic saw

Medezine have been producing medical saws for over 20 years, they are used extensively though the world. The 4000 has proven to be more than powerful enough to cope with the demands of both orthopaedic and necropsy. Medezine is proud of its relationship with its customers and we continue to work closely with customers on product development.

Safety and efficiency are key factors when purchasing any electrical equipment and the 4000 has been specifically designed with these features in mind. The hand piece can be fully immersed for washing and sterilisation without danger. It has been designed for ergonomic efficiency to reduce operator fatigue and is one of the quietest saws available at only 37dBa. Toxic dust and hazardous airborne particles are all removed at source by the vacuum system.

The complete Medezine 4000 system is capable of handling health endangering dusts, making it suitable for use in hospitals and environments where the collection and disposal of such debris is subject to stringent control.

The Saw Hand Piece

A well balanced cutting head which weighs only 1400g is ergonomically designed to reduce user fatigue.

This unit is fed from the power supply and operates at a very safe 40 volts. It is hermetically sealed and is watertight to IPX7 allowing disinfection and appropriate sterilization without dismantling. The enclosed motor cannot become contaminated and consequently there is no hazardous aerosol effect. All external materials used in it's construction are non corrosive.

Power Supply

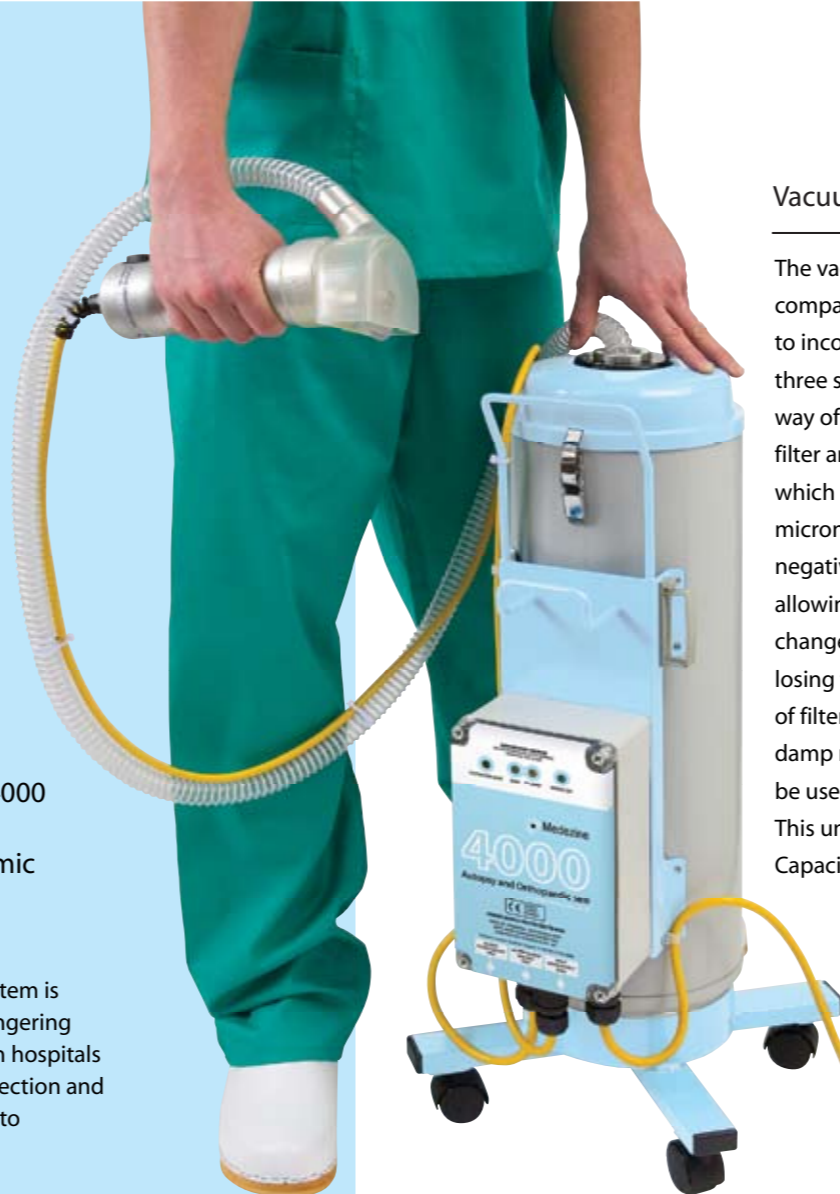
The power supply uses a one button operation to turn on both the saw and the vacuum and is protected to IPX5 indicating it's safety in a wet environment. An intelligent current limiting device (which resets itself automatically) is incorporated into the power supply to prevent overload usage of the saw unit and ultimately protect the equipment and the operator. Available in either 230v or 110v.



Hand Piece and Power Supply only

For use where collection and filtration of debris is not necessary. A filtration unit can be added at a later stage if required.

Four different blades are available and the vacuum hood can be cut and shaped for better visibility without compromise in particle removal.



Vacuum Unit

The vacuum unit is very compact and has been designed to incorporate a highly efficient three stage filtration system by way of a paper filter, cloth filter and micron cartridge filter which operates down to 0.6 microns. The vacuum works on a negative pressure system allowing the paper bag to be changed without the risk of losing the contents. It is capable of filtering dry and partially damp material, but must never be used for extracting liquids. This unit is drip-proof to IPX1. Capacity 7litres.

Spares



Blade Circular 64mm Autopsy Use – Pack of 10

The most popular blade for most Autopsy work. A coarse set on the teeth ensures minimal blockage. With four point fixing for security which can be rotated to a new position when one saw area becomes blunt.



Blade Circular 64mm Plaster Use – Pack of 10

A fine set on the teeth ensures finer work and less hazard of slipping. Can be rotated for increased usage.



Blade Circular 76mm Autopsy Use – Pack of 10

A larger blade of increased working depth. A coarse set on the teeth ensures minimal blockage. Can be rotated for increased usage.



Blade 51mm Radius Segmental – Pack of 10

A segmental blade for fine work in specialist environments.

Annual Filter Service Contract

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

- 50 Paper Filters
- 1 Cloth Filter
- 1 Micron Filter
- 5 Vacuum Hoods
- 1 Vacuum Hose.

Six months later there is a further delivery of:

- 50 Paper Filters
- 1 Cloth Filter
- 1 Micron Filter.

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



Medezine Service Kit.

Contains all your requirements for running the unit.

- 50 Paper Filters
- 1 Cloth Filter
- 1 Micron Filter
- 10 Vacuum Hoods
- 1 Vacuum Hose.

Blade Clamp Kit.

Used for easy removal of the blades – contains:

- Nut Wrench
- Blade Clamp Retaining Screw
- Spring Washer



Service Exchange Hand Piece / Spare

We offer the option of upgrading your old hand piece or when you want the security of a spare unit.



Saw Unit Extension Kit

Maximum 4m operating length.