

# Product Specification

**Product: Osc. Bone-Saw with Vacuum Unit**  
**Cat.-No.: MA-2060**

## Osc. Bone-Saw with Vacuum Unit

**Use: Human and Veterinary Anatomy  
and Autopsy**

**Type: MA-2060**

### Technical Description and Features

The system consists of mainly 3 modules:

#### The Saw Unit

This unit is fed from the power supply. It is hermetically sealed allowing disinfection and appropriate sterilization without dismantling.

The enclosed motor cannot become contaminated, consequently there is no hazardous aerosol effect. All external material used in it's construction are none corrosive.

#### The Filtration Unit

This unit is fed from the power supply. It gives highly efficient three stage filtration by way of filter paper, cloth filter and micron filter respectively. It is quite capable of filtering dry and partially damp material but must never be used to extract liquids. This unit is not watertight!

#### The Power Supply

This system is activated by the main switch on the saw (hand-piece). An intelligent current limiting device is incorporated in the power-supply to prevent overload usage of the saw unit. This unit is watertight.



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## Technical Data

Power Supply  
Transformer manufactured to IEC – EN60742  
Output – Saw 40VDC  
Enclosure to IEC529, DIN40050  
Protected to IP65  
Protection Electronic Current Limiting  
Device Double Pole Fused  
Constructed to IEC60601-1  
Weight 1,7kg  
Input voltage 230Vac or 110Vac  
Cable 4m fitted

Vacuum Unit  
Motor – Rated 750 Watt  
Container Capacity – 7 litre  
Air Volume Open (max) – 90litres/sec.  
Max Vac Closed – 1650mm WG  
Filtration 99,997% at 0,6 micron  
Dimensions – Height 940mm including handle  
Width 530mm Chassis Base

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  
Audio Output – 37db (A) no blade  
Vibration Value – 4,12m/s<sup>2</sup>  
Weight – 1,3kg

