



## OSCIMED PSV Cast Cutter

The OSCIMED PSV cast cutter has been designed for easy use. Its ergonomic shape and low weight (880g) is adapted to use with one hand. The on/off switch is easy to reach for a quick start/stop function. The vacuum cover and hose are quick release and don't require any tools.

**Power:** 120 Watts  
**Length:** 255mm  
**Diameter for handling:** About 45-55mm approx.  
**Weight:** 880g  
**Blade Oscillation:** 14,500RPM



### Low noise and switch sensor

The oscillating movement of the blade is made by a DC motor and a mechanical device. The motor and the high lifespan sensor switch are driven by a microprocessor card which is more efficient than mechanical. The motor and drive are mounted on anti-noise rubbers in the cutting head to reduce vibrations and noise.

### The cutting blades

The blades are circular with a synthetic coupling centre. This coupling ensures a low noise level. A special lock nut makes it easy to install or change the blade without tools. For plaster of Paris casts the blades are in stainless steel with a white core. For synthetic casts the blades are in hardened stainless steel with a blue core and for carbon casts the blades are in hardened stainless steel and tin (Yellow) treated with a blue core.

### Easy maintenance and parts changes

The saws design permits an easy and quick change of parts such as the blades, blade cover, vacuum hose and all the filters.

### Safety low voltage with electrical supply and conformity to the latest medical standards

Electrical power is supplied from a 240 volt socket by a cable which passes through a transformer reducing voltage to 24VDC. The device complies with the latest version of medical standards EN 60601.

## Extraction Unit

Dust extractor OSC 206-V, variable speed, high filtration level and automatic start/stop.

The OSC 206-V dust extractor possesses 4 levels of filtration, including 2 HEPA filters. It filters down 99.97% of the particles of 0.3 microns. It has a tough, powerful construction with a basket support for the cast cutter. It is also easy to move thanks to its mount on 4 castors. The button on the saw switches the vacuum unit on or off, or if desired the vacuum can be used independently. The vacuum unit has variable speed so can be introduced to the patient on a very quiet setting or increased when necessary.

**Power:** 1000 Watts  
**Noise Level:** 40-64 (dB)  
**Length of power supply cable:** 5m  
**Length of the hose:** 2.5m  
**Tank Capacity:** 20 Litres  
**HEPA filtering:** Particle 0.3 micron > 99.97%  
**Pressure:** 1800mm Water  
**Air flow:** 140 m<sup>3</sup>h – 40 Litres /second

## Annual Service Contract

Annual service includes cleaning, filter change and PAT testing. We offer a loan service when your saw is returned for a service.

