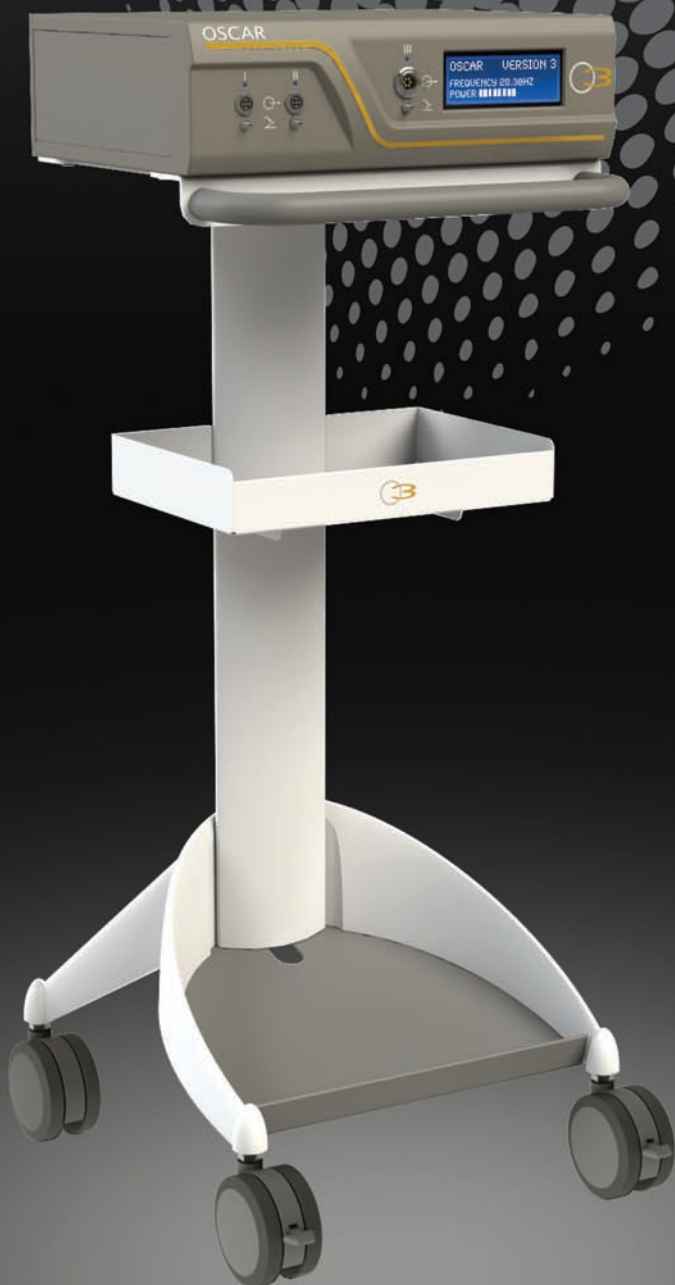


# OSCAR

Ultrasonic Arthroplasty Revision Instrument



# Ultrasonic Arthroplasty Revision Instrument



The OSCAR bone cement removal system is widely accepted technology with over 16 years successful use in international markets.

The challenge of cementless revisions encouraged the introduction of bone cutting handsets and flat osteotomes in recent years; these enable safe atraumatic removal of partially coated and porous prostheses

O3 is the latest version of OSCAR which combines all of the above functionalities with many ergonomic advances. The new OSCAR system can be upgraded to include advanced osseous resection technology, now in final stages of validation testing and review.

## Bone Cement Removal

- Compatible with existing OSCAR II handsets following upgrade
- Two generator output channels available
- Digital synthesis technology provides optimum performance



## Prosthesis Extraction

- Compatible with existing bone cutter handsets following upgrade
- Low amplitude transducer provides greater force for accurate bonecutting in cementless implant extraction
- Implants are effectively isolated from the host bone with greater bone preservation



COMING SOON

## Bone Resection Technology

The combined effects of ultrasound and high axial displacement of the transducer in the new bone resector handsets offer a number of valuable characteristics.

- Ultra low force cutting action
- Uni-directional manual blade movement
- Small profile cutting blades
- Negligible soft tissue trauma and reduced risk of necrosis in resected bone

All these combined characteristics provide an exceptionally safe and effective system for all bone resection, particularly during minimal access surgery.



OSCAR has been designed and built in accordance with ISO 13485:2003 Quality Assurance standard for medical devices and Part 820 of the Title 21 of the Code of Federal Regulations of the USA.  
CE conformance has been certified and the equipment complies with EN60601-1.

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