



**OSCAR**

## ULTRASONIC ARTHROPLASTY REVISION INSTRUMENT

For both bone cement removal  
and prosthesis extraction  
both cemented or cementless

# 1

## OSCAR3

OSCAR3 is designed to facilitate the removal of bone cement during joint revision procedures using ultrasonic technology to soften the cement shell holding the implant in place. In addition, OSCAR3 is also designed to aid cementless prosthesis removal by utilising the specifically designed Bonecutter handset and probes.

### 1.1 Ultrasonic Generator

#### OS3000

The OSCAR3 bone cement removal system is widely accepted technology with over 18 years successful use in global 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. OSCAR3 is the latest version which combines all of the above functionalities with many ergonomic advances.



1.1

#### EFFICIENT



Special probes are deployed in a sequence to collect and remove the softened cement from the host bone. The technique reduces manual force to a minimum, resulting in low risk of bone fracture and perforation.

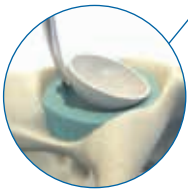
#### SAFE



#### Minimal damage to bone during joint revision procedures

Cancellous bone is affected by ultrasound and will be removed when subjected to the energy levels deployed during cement removal, while cortical bone will not be affected due to the probe design and the energy levels used. It does not absorb ultrasound as readily as the cement and therefore the surgeon will have awareness of the position of the probe within the bone through both audible and tactile feedback.

#### VERSATILE



#### Single use probes for both, cement and prosthesis removal

The single use probes have been designed for providing high quality performance for every case with safety and versatility in mind. The probes come in single sterile packs, offering a user friendly, comprehensive range of solutions to physicians whether they face cemented or cementless joint revisions.

# 2

## THE HANDSETS

### 2.1 Cement Removal Handset

#### OH300/2

- Compatible with existing OSCAR3 II handsets following upgrade
- Used in cemented hip, knee, shoulder and elbow revisions

2.1



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## 2.2 Bonecutter Osteotome Handset

### OHB300/2

Compatible with existing osteotome hand sets following upgrade

- Low amplitude transducer provides greater force for accurate bone cutting in cementless implant extraction
- Implants are effectively isolated from the host bone with greater bone preservation

2.2



# 3

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## THE SINGLE USE PROBES

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### 3.1 OHP2080SU

Single Use 8mm Piercer Probe - Sterile

### OHP2100SU

Single Use 10mm Piercer Probe - Sterile

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### 3.2 OHS2080SU

Single Use 8mm Scraper Probe - 80mm - Sterile

### OHS2100SU

Single use 10mm Scraper Probe - 80mm - Sterile

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### 3.3 OHP2062SU

Single Use 6mm Piercer Probe - Slim - 180mm - Sterile

### OHS2062SU

Single Use 6mm Scraper Probe - Slim - 180mm - Sterile

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### 3.4 Inertial Probe

Loading Instrument

### IPL200

Slaphammer (Consumable)

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### 3.5 EXP2681SU

Single Use Extraction Probe for Slaphammer - Sterile

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### 3.6 The Acetabular Probe

### OHA2030SU

Single Use Acetabular Probe - Sterile

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### 3.7 Osteotome Probes

### OHSO2060SU

Single Use 6mm Serrated Osteotome - Sterile

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### 3.8 OHF02060SU

Single Use 6mm Flat Osteotome - Sterile

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### 3.9 OHC2S02060SU

Single Use 6mm Serrated Curved Osteotome - Sterile

3.1

3.2

3.3

3.4

3.5

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3.7

3.8

3.9



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### 3.10 Hoe Probe

#### OHH2062SU

Single Use 6mm Hoe Probe - 180mm - Sterile

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### 3.11 OHH2081SU

Single Use 8mm Hoe Probe - Sterile

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### 3.12 OHR2000

Reducer Bar for OHP218FSU  
(Not illustrated)

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### 3.13 OHP218FSU

Single Use Flat Piercer Probe - Sterile

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### 3.14 OHG2020SU

Single Use 2 Lobed Groover Probe - Sterile

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### 3.15 OHRE2002SU

Single Use Short Extension Reducer Bar - Sterile  
(Not illustrated)

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### 3.16 OHRE2003SU

Single Use Long Extension Reducer Bar - Sterile  
(Not illustrated)

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### 3.17 OHRE2000SU

Short Extension Reducer Bar for Single Use Probes

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### 3.18 OHRE2001SU

Long Extension Reducer Bar for Single Use Probes

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## 4

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### EXTENSION BARS AND SPANNERS

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#### 4.1 OHE2000

Extension Bar

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#### 4.2 OBE2000

Bonecutter - Extension Bar

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#### 4.3 SPAN7mm

Spanner 7mm

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#### 4.4 SPAN8/9mm

Spanner 8/9mm

# 5

## OTHERS

**5.1 CH300**  
Cable



5.1

**5.2 ORFS300**  
Footswitch



5.2

**5.3 O3GC300\***  
OSCAR 3 Generator Case



5.3

**5.4 O3HC300\***  
OSCAR 3 Handset Case



5.4

**5.5 OA400**  
OSCAR Sterilisation Tray



5.5

*\*No medical device*

The following codes are only available in selected markets.  
For further information please contact your local representative.

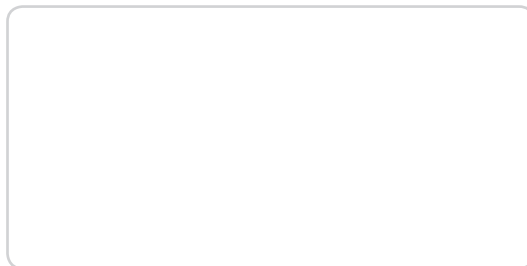
Part Number	Description
EXP2681	Extraction Probe For Slaphammer
OHG2020	Groover Probe - 2 Lobe - 90mm
OHS2061	6mm Scraper Probe - 180mm
OHS2081	8mm Scraper Probe - 180mm
OHS2100	10mm Scraper Probe - 90mm
OHP2061	6mm Piercer Probe - 180mm
OHP2081	8mm Piercer Probe - 180mm
OHP2101	10mm Piercer Probe - 175mm
OHP2111	11mm Piercer Probe - 175mm
OHP2131	13mm Piercer Probe - 180mm
OHA2030	Acetabular Probe



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**Distributed by:**



OSCAR has been designed and built in accordance with ISO 13485:2012  
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.