## © symmetry surgical

Symmetry Surgical Karlin Magnum, PG Magnum and XL Magnum instruments

- Lightweight
- Ribbed, satin-black handle to assure non-slip grip
- Optimally weighted for surgeon comfort and control.


## Karlin Magnum Instruments

## Karlin Magnum Instruments

- Strengthened and reinforced handles for mallet impact durability - Ribbed, satin-black handles facilitate non-slip grip and reduce glare - Hardened, razor sharp steel cutting edges facilitate precise osteotomies - Optimal weight and balance for surgeon comfort and control


Total Length: $10.7^{\prime \prime}(27 \mathrm{~cm}) \cdot$ Handle Length: $5.9^{\prime \prime}(15 \mathrm{~cm}) \cdot$ Handle Diameter: $1.25^{\prime \prime}(3 \mathrm{~cm}) \cdot$ Working Distance: $4.7^{\prime \prime}(12 \mathrm{~cm})$

## Straight/Curved Magnum Chisels




## Karlin PG Magnum and XL Magnum Instruments

- Two-handed grip delivers controlled power
- Dual wrist action produces fine motor precision
- Extra length enhances visualization and addresses the challenge of large patients
- Razor sharp, lightweight and durable blades reduce surgeon effort and minimize operative time
- Patented* ribbed, satin-black handles assure non-slip grip and reduce glare

Karlin PG: Total Length: $12.6^{\prime \prime}(32 \mathrm{~cm}) \cdot$ Handle Length: $7.8^{\prime \prime}(20 \mathrm{~cm}) \cdot$ Handle Diameter: $1.12^{\prime \prime}(3 \mathrm{~cm}) \cdot$ Working Distance: 4.7" $(12 \mathrm{~cm})$
Karlin XL: Total Length: $13.25^{\prime \prime}(33.7 \mathrm{~cm}) \cdot$ Handle Length: $8.5^{\prime \prime}(22 \mathrm{~cm}) \cdot$ Handle Diameter: $1.25^{\prime \prime}(3.2 \mathrm{~cm})$

## Karlin PG Magnum and XL Magnum Ring Curettes

Unique, broad-neck fulcrum provides atraumatic leverage on opposing vertebral end plates. Dual-coned, precision sharpened rings faciliate rapid, efficient bone sculpting and removal. Each instrument is engraved with depth indicator to minimilize potential for deep penetration.


## Karlin PG Magnum and XL Magnum Cup Curettes

Three tip configurations: Forward Straight (FS), Forward Angled (FA), and Down Pushing (DP.) Large capacity cup sizes permit rapid tissue removal.
Forward
Straight 19mm

Forward
Angled

Down Pushing (Backward Down)


## Karlin PG Magnum and XL Magnum Cobb Elevators

Broad, razor sharp blades accelerate periosteal stripping while reducing potential for spinal canal penetration.


Visit symmetrysurgical.com or contact your local Sales Representative for more information.

## 46-3100

| $46-3101$ | Chisel, Straight, 6 mm | 1 |
| :--- | :--- | :--- |
| $46-3102$ | Chisel, Straight, 10 mm | 1 |
| $46-3103$ | Chisel, Straight, 15 mm | 1 |
| $46-3104$ | Chisel, Straight, 20 mm | 1 |
| $46-3105$ | Chisel, Straight, 25 mm | 1 |
| $46-3106$ | Chisel, Straight, 30mm | 1 |
| $46-3107$ | Sterilizing Case for any 6 Magnum Instruments | 1 |


| 46-3425 | PG Magnum Cobb Elevators, Set of $\mathbf{6}$ \& Case Includes |  |
| :--- | :--- | :--- |
| $46-3426$ | Cobb Elevator, Straight, 10mm | 1 |
| $46-3427$ | Cobb Elevator, Straight, 15 mm | 1 |
| $46-3428$ | Cobb Elevator, Straight, 20 mm | 1 |
| $46-3429$ | Cobb Elevator, Straight, 25 mm | 1 |
| $46-3430$ | Cobb Elevator, Straight, 30 mm | 1 |
| $46-3431$ | Cobb Elevator, Straight, 35 mm | 1 |
| $46-3407$ | Sterilizing Case for any 12PG Magnum Instruments | 1 |


| 46-3400 | PG Magnum Ring Curettes, Set of $\mathbf{6}$ \& Case Includes |  |
| :--- | :--- | :---: |
| $46-3401$ | Ring Curette, Straight, 6 mm | 1 |
| $46-3402$ | Ring Curette, Straight, 8 mm | 1 |
| $46-3403$ | Ring Curette, Straight, 10 mm | 1 |
| $46-3404$ | Ring Curette, Angled, 6 mm | 1 |
| $46-3405$ | Ring Curette, Angled, 8 mm | 1 |
| $46-3406$ | Ring Curette, Angled, 10 mm | 1 |
| $46-3407$ | Sterilizing Case for any 12PG Magnum Instruments | 1 |

## 46-3410 PG Magnum Cup Curettes, Set of 12 \& Case Includes

46-3411 Cup Curette, Forward, Straight, $7 \mathrm{~mm} \quad 1$
46-3412 Cup Curette, Forward, Straight, 9mm 1
46-3413 Cup Curette, Forward, Straight, $11 \mathrm{~mm} \quad 1$

| 46-3414 | Cup Curette, Forward, Straight, 13 mm | 1 |
| :--- | :--- | :--- |
| $46-3415$ | Cup Curette, Forward, Straight, 15 mm | 1 |

46-3416 Cup Curette, Forward, Straight, $17 \mathrm{~mm} \quad 1$
46-3417 Cup Curette, Forward, Straight, 19mm 1
46-3418 Cup Curette, Forward, Angled, $7 \mathrm{~mm} \quad 1$

46-3419 Cup Curette, Forward, Angled, 9mm 1
46-3420 Cup Curette, Forward, Angled, 11mm 1

46-3421 Cup Curette, Down Pushing, $7 \mathrm{~mm} \quad 1$
46-3422 Cup Curette, Down Pushing, 9mm 1
46-3407 Sterilizing Case for any 12PG Magnum Instruments 1

## 46-3110

46-311
46-3112
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## 46-3240

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## 46-3242

## 46-3243

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46-3245
46-3246
46-3222
46-3215 XL Magnum Ring Curettes, Set of 6 \& Case Includes
46-3216 Ring Curette, Straight, 6 mm
46-3217 Ring Curette, Straight, 8 mm
46-3218 Ring Curette, Straight, 10 mm
46-3219 Ring Curette, Angled, 6 mm
46-3220 Ring Curette, Angled, 8mm 1
46-3221 Ring Curette, Angled, 10mm 1

46-3222 Sterilizing Case for any 12XL Magnum Instruments
46-3225 XL Magnum Cup Curettes, Set of 12 \& Case Includes
46-3226
Cup Curette, Forward, Straight, 7 mm
Cup Curette, Forward, Straight, 9 mm
Cup Curette, Forward, Straight, 11mm
46-3228
46-3229
Cup Curette, Forward, Straight, 13mm
46-3230
Cup Curette, Forward, Straight, 15 mm
46-3236 Cup Curette, Forward, Straight, 17 mm
46-3237 Cup Curette, Forward, Straight, 19mm
46-3231 Cup Curette, Forward, Angled, 7 mm
46-3232 Cup Curette, Forward, Angled, 9 mm
46-3233 Cup Curette, Forward, Angled, 11mm
46-3234 Cup Curette, Down Pushing, 7 mm
46-3235 Cup Curette, Down Pushing, 9mm
46-3222 Sterilizing Case for any 12XL Magnum Instruments

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