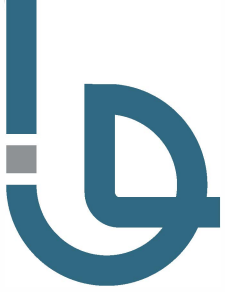


## Universal Retractor System



### **Universal Retractor System**

- Easy to install
- Convenient work in operation field
- Usability in various operations
- Wide range of instrument usage
- Adjustable installation for various positions
- Maximum retraction with minimum person
- Multiple retraction

### **Unilateral Frame**

- Easy cam lock joints
- independent lateral arms
- All one-piece components



### **Bilateral Frame**

- Bilateral rigidity
- Multi-plane retraction



**UE 100-01**  
Rail Clamp, rotatable



**UE 100-05**  
Vertical Bar

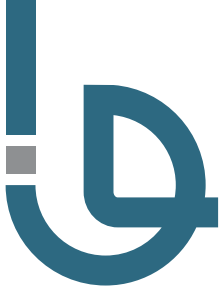


**UE 100-02**  
Rail Clamp with vertical bar

**UE 100-03**  
Rail Instrument Holding Arm



**UE 100-04**  
Articulated Instrument Holding Arm



**UE 100-06**  
Articulating Horizontal Bar for  
Ring Retractor System



**UE 100-07**  
Horizontal Bar for  
Ring Retractor System



**UE 100-08**  
Extension Bar for  
Ring Retractor System



**UE 100-09**  
Coupling Cam Joint for Vertical and Frame Bars  
slide-on, L-L



**UE 100-11**  
Coupling Cam Joint for Frame Bars, slide-on, M-M

**UE 100-10**  
Coupling Cam Joint for Vertical and Frame Bars  
slide-on, L-M



**UE 100-12**  
Coupling Cam Joint for Frame and Holders, slide-on, M-S



**UE 100-13**  
Coupling Cam Joint for Frame and Holders,  
clip-on, M-S

**UE 100-14**  
Coupling Joint for Vertical and Frame Bars,  
slide-on, L-L



**UE 100-16**  
Coupling Joint for Frame Bars, slide-on, M-M

**UE 100-15**  
Coupling Joint for Vertical and Frame Bars,  
slide-on, L-M



**UE 100-17**  
Coupling Joint for Frame and Holders,  
slide-on, M-S



**UE 100-18**  
Coupling Joint for Frame and Holders,  
clip-on, M-S

**UE 100-19**  
Coupling Joint for Frame and Micro Adjustable Holders,  
clip-on, M-Rack



**UE 100-20**  
Straight Frame Bar 30cm



**UE 100-21**  
Straight Frame Bar 50cm



**UE 100-22**  
Angled Frame Bar 30cm (15cmX15cm)



**UE 100-23**  
Angled Frame Bar 65cm (15cmX50cm)



**UE 100-24**  
Angled Frame Bar 30cm (20cmX30cm)



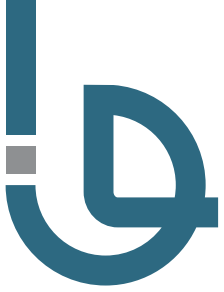
**UE 100-25**  
Angled Frame Bar 60cm (20cmX40cm)



**UE 100-26**  
Angled Frame Bar 60cm (30cmX30cm)



**UE 100-27**  
Double Angled Frame Bar 64cm (18cmX28X18cm)



**UE 100-28**  
Hinged Frame Bar (30cmX30cm)



**UE 100-29**  
Double Hinged Frame Bar (30cmX20cmX30cm)

**UE 100-30**  
Double Hinged Frame Bar (40cmX25cmX40cm)



**UE 101-00**  
Adjustment Handle



**UE 101-01**  
Retractor Holder with Rack



**UE 101-02**  
Angle Adjustable Retractor Holder with Rack



**UE 101-03**  
Light Guide with Coupling Joint



**UE 101-04**  
Flexible Holder with Coupling Joint



**UE 101-05**  
Retractor Holder



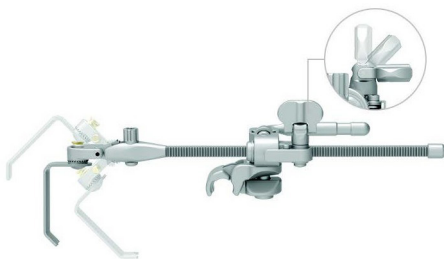
**UE 101-06**  
Angle Adjustable Retractor Holder



**UE 101-07**  
Retractor Holder with Coupling Joint



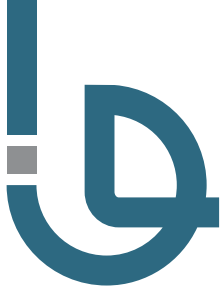
**UE 101-08**  
Angle Adjustable Retractor Holder with Coupling Joint



**UE 101-09**  
Retractor Holder with Rack and Coupling Joint



**UE 101-10**  
Angle Adjustable Retractor Holder with Rack and Coupling Joint



malleable

<b>UE 102-01</b>	64mmX13mm
<b>UE 102-02</b>	90mmX13mm
<b>UE 102-03</b>	150mmX13mm
<b>UE 102-04</b>	200mmX13mm
<b>UE 102-05</b>	100mmX25mm
<b>UE 102-06</b>	110mmX25mm
<b>UE 102-07</b>	130mmX25mm
<b>UE 102-08</b>	200mmX25mm
<b>UE 102-09</b>	255mmX25mm
<b>UE 102-10</b>	200mmX40mm
<b>UE 102-11</b>	250mmX40mm
<b>UE 102-12</b>	100mmX50mm
<b>UE 102-13</b>	200mmX50mm
<b>UE 102-14</b>	255mmX50mm
<b>UE 102-15</b>	255mmX65mm
<b>UE 102-16</b>	255mmX75mm
<b>UE 102-17</b>	155mmX25mm



Deaver

<b>UE 102-20</b>	125mmX25mm
<b>UE 102-21</b>	125mmX40mm
<b>UE 102-22</b>	125mmX50mm
<b>UE 102-23</b>	125mmX65mm
<b>UE 102-24</b>	200mmX75mm



Harrington

<b>UE 102-30</b>	125mmX40mm
<b>UE 102-31</b>	100mmX65mm
<b>UE 102-32</b>	150mmX65mm
<b>UE 102-33</b>	200mmX65mm
<b>UE 102-34</b>	250mmX65mm



Finger

**UE 102-35**

150mm



St.Marks

**UE 102-40**

140mmX65mm

**UE 102-41**

180mmX65mm



Heaney

**UE 102-42**

100mmX25mm

**UE 102-43**

130mmX25mm



Fence

**UE 102-45**

110mmX50mm

**UE 102-46**

150mmX50mm

**UE 102-47**

100mmX100mm

**UE 102-48**

125mmX100mm

**UE 102-49**

150mmX100mm

**UE 102-50**

200mmX100mm



Kelly

**UE 102-51**

50mmX40mm

**UE 102-52**

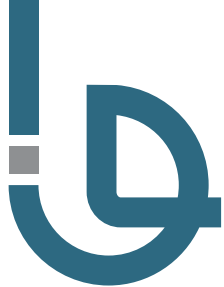
65mmX50mm

**UE 102-53**

75mmX65mm

**UE 102-54**

90mmX75mm



**EK 860-00**  
Retractor Holder  
with Ratchet



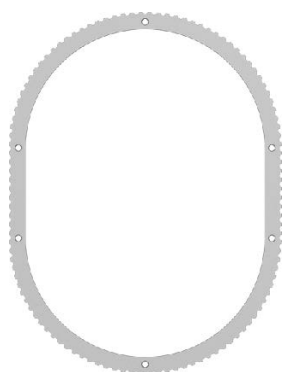
**EK 861-01**  
Angle Adjustable  
Retractor Holder with  
Ratchet



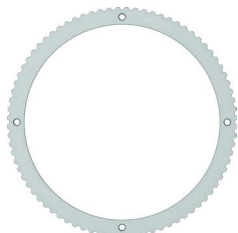
**EK 861-02**  
Angle Adjustable Retractor Holder  
with Ratchet, self-retaining

**EK 861-03**  
Angle Adjustable and Rotatable  
Retractor Holder with Ratchet

**EK 861-04**  
Angle Adjustable and Rotatable  
Retractor Holder with Ratchet,  
self-retaining



Oval Ring Frame  
**EK 862-00**  
Ø200X310mm  
small  
**EK 862-01**  
Ø265X370mm  
medium  
**EK 862-02**  
Ø305X370mm  
large



Round Ring Frame  
**EK 863-01**  
Ø215  
small  
**EK 863-02**  
Ø265  
medium  
**EK 863-03**  
Ø315  
large



Half Round Ring Frame  
**EK 863-04**  
215  
small  
**EK 863-05**  
Ø265  
medium  
**EK 863-06**  
Ø315  
large

Half Ring for Pelvic  
**EK 863-07**  
Ø215



Straight Frame Segment  
**EK 863-08**  
115 mm  
small  
**EK 863-09**  
155 mm  
medium



Straight Frame Segment  
**EK 863-10**  
205 mm  
large



Balfour  
**EK 864-01**  
 75 × 70 mm  
**EK 864-02**  
 75 × 85 mm



Deaver  
**EK 864-03**  
 90 × 25 mm  
**EK 864-04**  
 125 × 25 mm



Harrington  
**EK 864-05**  
 145 × 65 mm



Kelly  
**EK 864-06**  
 75 × 50 mm  
**EK 864-07**  
 100 × 50 mm  
**EK 864-08**  
 125 × 50 mm  
**EK 864-09**  
 150 × 50 mm  
**EK 864-10**  
 25 × 20 mm  
**EK 864-11**  
 50 × 20 mm  
**EK 864-12**  
 50 × 40 mm

Lateral Retractor Blade  
**EK 864-13**  
 75 × 25 mm



malleable  
**EK 864-15**  
 150 × 35 mm  
**EK 864-16**  
 150 × 50 mm  
**EK 864-17**  
 150 × 75 mm

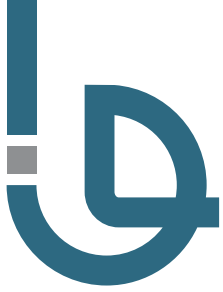
Posterior Retractor Blade  
**EK 864-14**  
 115 × 25 mm



Gelpi  
**EK 864-18**  
 sharp



Rochard  
**EK 937-01**  
 50 × 105 mm  
**EK 937-02**  
 50 × 120 mm  
**EK 937-03**  
 50 × 160 mm



Rochard  
Lateral Holding Arm  
**EK 937-04**



Rochard  
Cross Bar  
**EK 937-05**



Rochard  
Fixing Device for Blades  
**EK 938-00**



Rochard  
Sliding Holder  
**EK 939-00**

**EK 940-00**

Rochard Retractor System Complete



Dilator

**SO 501-55**

Ø8 mm

**SO 501-60**

Ø14 mm

**SO 501-65**

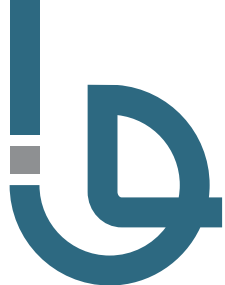
Ø18 mm

**SO 501-70**

Ø22 mm

**SO 501-75**

Ø26 mm



## Ring Retractor Set

EK 860-00	Retractor Holder with Ratchet
EK 861-01	Angle Adjustable Retractor Holder with Ratchet
EK 861-02	Angle Adjustable Retractor Holder with Ratchet, self-retaining
EK 862-00	Oval Ring Frame Ø200X310mm, small
EK 862-01	Oval Ring Frame Ø265X370mm, medium
EK 862-02	Oval Ring Frame Ø305X370mm, large
EK 863-01	Round Ring Frame Ø215mm, small
EK 863-02	Round Ring Frame Ø265mm, medium
EK 863-03	Round Ring Frame Ø315mm, large
EK 863-04	Half Round Ring Ø265mm, medium
EK 863-05	Half Round Ring Ø265mm, medium
EK 863-06	Half Round Ring Ø315mm, large
EK 863-08	Straight Frame Segment 115mm, small
EK 863-09	Straight Frame Segment 155mm, medium
EK 863-10	Straight Frame Segment 205mm, large
EK 864-02	Balfour Retractor Blade, 75mmX85mm
EK 864-04	Deaver Retractor Blade, 125mmX25mm
EK 864-05	Harrington Retractor Blade, 145mmX65mm
EK 864-06	Kelly Retractor Blade, 75mmX50mm
EK 864-07	Kelly Retractor Blade, 100mmX50mm
EK 864-08	Kelly Retractor Blade, 125mmX50mm
EK 864-09	Kelly Retractor Blade, 150mmX50mm
EK 864-10	Kelly Retractor Blade, 25mmX20mm
EK 864-11	Kelly Retractor Blade, 50mmX20mm
EK 864-12	Kelly Retractor Blade, 50mmX40mm

EK 864-15	Retractor Blade, 150mmX35mm, malleable
EK 864-16	Retractor Blade, 150mmX50mm, malleable
EK 864-17	Retractor Blade, 150mmX75mm, malleable
EK 864-18	Gelpi Retractor Blade, sharp
UE 100-02	Rail Clamp with Vertical Bar
UE 100-06	Articulating Horizontal Bar for Ring Retractor System
UE 100-07	Horizontal Bar for WRing Retractor System
UE 100-08	Extension Bar for Ring Retractor System
UE 100-09	Coupling Cam Joint for Vertical and Frame Bars, slide-on, L-L
UE 101-01	Retractor Holder with Rack
UE 101-02	Angle Adjustable Retractor Holder with Rack
UE 102-02	Retractor Blade, 90mmX13mm, malleable
UE 102-20	Deaver Retractor Blade, 125mmX25mm
UE 102-32	Harrington Retractor Blade, 150mmX65mm
UE 102-52	Kelly Retractor Blade, 65mmX50mm
UE 102-70	Mini Richardson Retractor Blade, 25mmX20mm
UE 102-71	Mini Richardson Retractor Blade, 50mmX20mm
UE 102-73	Richardson Retractor Blade, 50mmX45mm
UE 102-75	Richardson Retractor Blade, 75mmX50mm
UE 102-76	Richardson Retractor Blade, 100mmX50mm
UE 102-77	Richardson Retractor Blade, 125mmX50mm
UE 102-78	Richardson Retractor Blade, 150mmX50mm