Reusable Trocar System

Your cost effective solution to disposable trocars
Save money and reduce waste with the Aesculap Reusable Trocar System. The exceptionally light weight, low profile and ergonomic design provides hospitals with a cost effective alternative to disposable trocars.

**Simple**
- Modular construction ensures optimal cleaning after use
- Color coded system allows easy identification of compatible components

**Innovative**
- Optimal weight distribution balances the trocar when inserted in the abdomen
- Low profile design of 3.5 mm & 5 mm sizes is ideal for application in single incision procedures
- Choice between single-use, bladeless dilating and fully reusable obturators

**Cost Effective**
- Dramatically reduces cost & waste per case compared to fully disposable trocars
- Rapid payback provides a high return on investment
# Reusable Trocar System

## Sleeves

<table>
<thead>
<tr>
<th>Inner Diameter</th>
<th>Length 60 mm</th>
<th>Length 110 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>EK311R</strong></td>
<td>smooth, without stopcock</td>
<td>60 mm</td>
</tr>
<tr>
<td><strong>EK315R</strong></td>
<td>smooth, without stopcock</td>
<td>110 mm</td>
</tr>
<tr>
<td><strong>EK310R</strong></td>
<td>smooth, with stopcock</td>
<td>60 mm</td>
</tr>
<tr>
<td><strong>EK314R</strong></td>
<td>smooth, with stopcock</td>
<td>110 mm</td>
</tr>
</tbody>
</table>

For use with non-insufflation sleeves EK311R & EK315R

Inner diameter of EK310R and EK314R is enlarged for optimized insufflation, insertion of needles and 4mm scopes.

## Obturators

### Reusable

**For use with non-insufflation sleeves EK311R & EK315R**

<table>
<thead>
<tr>
<th>Inner Diameter</th>
<th>Length 60 mm</th>
<th>Length 110 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>EK345R</strong></td>
<td>conical sharp</td>
<td>60 mm</td>
</tr>
<tr>
<td><strong>EK346R</strong></td>
<td>conical sharp</td>
<td>110 mm</td>
</tr>
<tr>
<td><strong>EK348R</strong></td>
<td>conical blunt</td>
<td>60 mm</td>
</tr>
<tr>
<td><strong>EK349R</strong></td>
<td>conical blunt</td>
<td>110 mm</td>
</tr>
</tbody>
</table>

**For use with insufflation sleeves EK310R & EK314R**

<table>
<thead>
<tr>
<th>Inner Diameter</th>
<th>Length 60 mm</th>
<th>Length 110 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>EK355R</strong></td>
<td>conical sharp</td>
<td>60 mm</td>
</tr>
<tr>
<td><strong>EK356R</strong></td>
<td>conical sharp</td>
<td>110 mm</td>
</tr>
<tr>
<td><strong>EK358R</strong></td>
<td>conical blunt</td>
<td>60 mm</td>
</tr>
<tr>
<td><strong>EK359R</strong></td>
<td>conical blunt</td>
<td>110 mm</td>
</tr>
</tbody>
</table>
# Sealing Unit

## Reusable

<table>
<thead>
<tr>
<th>EK380P</th>
<th>Sealing unit for 3.5 mm trocars</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>box of 20</td>
</tr>
</tbody>
</table>

consisting of:

<table>
<thead>
<tr>
<th>EK382P</th>
<th>Sealing cap</th>
</tr>
</thead>
<tbody>
<tr>
<td>EK381P</td>
<td>Cross slit valve</td>
</tr>
</tbody>
</table>

## Reducing Sleeve

| EK390R | Reducing sleeve for 5 mm trocars, includes 3.5 mm sealing cap |

## Suture Sleeve

Suitable for EK310R / EK314R

| EK391R | Suture sleeve for 3.5 mm trocars, includes sealing cap |

## Suture Fixation

Suitable for EK311R / EK315R

| EK397R | For 3.5 mm trocars (EK311R & EK315R only) |
# Reusable Trocar System

## Sealing Unit

| Reusable | EK080P | Sealing unit for 5 mm trocars  
|---|---|---
| | box of 20 | consisting of:  
| | | Sealing cap EK082P  
| | | Cross slit valve EK081P |

## Sleeves

| Reusable | EK010R | smooth, with stopcock  
|---|---|---
| | 60 mm | 60 mm  
| | 110 mm | 110 mm  
| | 150 mm | 150 mm  
| EK014R | smooth, with stopcock  
| EK018R | smooth, with stopcock  
| EK011R | smooth, without stopcock  
| | 60 mm | 60 mm  
| | 110 mm | 110 mm |

### EK011R
- Smooth, without stopcock
  - 60 mm
  - 110 mm

### EK012R
- Threaded, with stopcock
  - 60 mm
  - 110 mm

### EK013R
- Threaded, without stopcock
  - 60 mm

### EK014R
- Smooth, with stopcock
  - 60 mm
  - 110 mm

### EK015R
- Smooth, without stopcock
  - 110 mm

### EK016R
- Threaded, with stopcock
  - 110 mm

### EK017R
- Threaded, without stopcock
  - 110 mm

---

Sealing Unit

[Sealing Unit Image]

Reusable

[Reusable Image]
Obturators

**Reusable**

- EK045R: conical sharp, 60 mm
- EK046R: conical sharp, 110 mm
- EK047R: conical sharp, 150 mm

- EK048R: conical blunt, 60 mm
- EK049R: conical blunt, 110 mm
- EK050R: conical blunt, 150 mm

- EK051R: triangular sharp, 60 mm
- EK052R: triangular sharp, 110 mm
- EK053R: triangular sharp, 150 mm

**Single-use, sterile**

- EK148SU: dilating, 60 mm (box of 6)
- EK149SU: dilating, 110 mm (box of 6)
- EK150SU: dilating, 150 mm (box of 6)
Reusable Trocar System

**Sealing Units**

<table>
<thead>
<tr>
<th>Reusable</th>
</tr>
</thead>
<tbody>
<tr>
<td>EK024R</td>
</tr>
<tr>
<td>smooth, with stopcock</td>
</tr>
<tr>
<td>110 mm</td>
</tr>
</tbody>
</table>

| EK025R | EK026R |
| smooth, without stopcock | threaded, with stopcock |
| 110 mm | 110 mm |

**Sleeves**

<table>
<thead>
<tr>
<th>Reusable</th>
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</thead>
<tbody>
<tr>
<td>EK024R</td>
</tr>
<tr>
<td>smooth, with stopcock</td>
</tr>
<tr>
<td>110 mm</td>
</tr>
</tbody>
</table>

**Single-use, sterile**

<table>
<thead>
<tr>
<th>EK002SU</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single-use universal sealing unit for 10/12 mm trocars</td>
</tr>
<tr>
<td>box of 20</td>
</tr>
</tbody>
</table>
Obturators

**Reusable**

- EK056R: 110 mm (conical sharp)
- EK057R: 150 mm (conical sharp)
- EK059R: 110 mm (conical blunt)
- EK060R: 150 mm (conical blunt)
- EK062R: 110 mm (triangular sharp)
- EK063R: 150 mm (triangular sharp)

**Single-use, sterile**

- EK159SU: 110 mm (dilating) - box of 6
- EK160SU: 150 mm (dilating) - box of 6
### Reusable Trocar System

#### Sealing Units

<table>
<thead>
<tr>
<th>12 mm</th>
<th>Reusable</th>
<th>Single-use, sterile</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>EK034R</strong>&lt;br&gt;smooth, with stopcock&lt;br&gt;110 mm</td>
<td><strong>EK035R</strong>&lt;br&gt;smooth, without stopcock&lt;br&gt;110 mm</td>
</tr>
<tr>
<td></td>
<td><strong>EK038R</strong>&lt;br&gt;smooth, with stopcock&lt;br&gt;150 mm</td>
<td><strong>EK036R</strong>&lt;br&gt;threaded, with stopcock&lt;br&gt;110 mm</td>
</tr>
<tr>
<td></td>
<td><strong>EK037R</strong>&lt;br&gt;threaded, without stopcock&lt;br&gt;110 mm</td>
<td><strong>EK002SU</strong>&lt;br&gt;Single-use universal sealing unit for 10/12 mm trocars&lt;br&gt;box of 20</td>
</tr>
</tbody>
</table>

#### Sleeves

<table>
<thead>
<tr>
<th>12 mm</th>
<th>Reusable</th>
</tr>
</thead>
<tbody>
<tr>
<td>110 mm</td>
<td><strong>EK083P</strong>&lt;br&gt;Sealing unit for 10/12 mm trocars with 5 mm flap converter</td>
</tr>
<tr>
<td>110 mm</td>
<td><strong>EK086P</strong>&lt;br&gt;Sealing unit for 10/12 mm trocars</td>
</tr>
<tr>
<td>110 mm</td>
<td><strong>EK088P</strong>&lt;br&gt;Sealing unit for 10/12 mm trocars with 5 mm flap converter</td>
</tr>
<tr>
<td>150 mm</td>
<td><strong>EK089P</strong>&lt;br&gt;Sealing unit for 10/12 mm trocars with 5 mm flap converter</td>
</tr>
</tbody>
</table>

**Reusable**

**Single-use, sterile**

**Sealing Units**

**Sleeves**
Obturators

Reusable

- **EK066R**
  - Conical sharp
  - 110 mm

- **EK067R**
  - Conical sharp
  - 150 mm

- **EK069R**
  - Conical blunt
  - 110 mm

- **EK070R**
  - Conical blunt
  - 150 mm

- **EK072R**
  - Triangular sharp
  - 110 mm

- **EK073R**
  - Triangular sharp
  - 150 mm

Single-use, sterile

- **EK169SU**
  - Dilating
  - 110 mm
  - Box of 6

- **EK170SU**
  - Dilating
  - 150 mm
  - Box of 6
Reeurable Trocar System

### HASSON / Mini Laparotomy Trocar

<table>
<thead>
<tr>
<th>Reusable</th>
<th>Single-use, sterile</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="Image" /> EK083P Sealing unit for 10/12 mm trocars with 5 mm flap converter</td>
<td><img src="image2.png" alt="Image" /> EK002SU Single-use universal sealing unit for 10/12 mm trocars box of 20</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MD076</th>
<th>Malleable Blade 10 mm wide</th>
</tr>
</thead>
<tbody>
<tr>
<td>MD071R</td>
<td>Rigid Blade 10 mm wide</td>
</tr>
<tr>
<td>MD077</td>
<td>Malleable Blade 13 mm wide</td>
</tr>
<tr>
<td>MD072R</td>
<td>Rigid Blade 13 mm wide</td>
</tr>
</tbody>
</table>

### HASSON “S” Retractors (set of 2)

- **(md076)** Malleable Blade 10 mm wide
- **md071r** Rigid Blade 10 mm wide
- **md077** Malleable Blade 13 mm wide
- **md072r** Rigid Blade 13 mm wide

10 mm

- **EK024R** Smooth trocar sleeve with stopcock, 10 mm, 110 mm
- **EK064R** Blunt (HASSON) obturator, 10 mm, 110 mm
- **EK098R** Stability cone for 10 mm trocar sleeve

12 mm

- **EK034R** Smooth trocar sleeve with stopcock, 12 mm, 110 mm
- **EK074R** Blunt (HASSON) obturator, 12 mm, 110 mm
- **EK099R** Stability cone for 12 mm trocar sleeve
Accessories

Sealing Units

- **EK380P**
  - Sealing unit for 3.5 mm trocars
  - box of 20

- **EK382P**
  - Sealing cap
  - box of 20

- **EK381P**
  - Cross slit valve
  - box of 20

- **EK080P**
  - Sealing unit for 5 mm trocars
  - box of 20

- **EK082P**
  - Sealing cap
  - box of 20

- **EK081P**
  - Cross slit valve
  - box of 20

- **EK086P**
  - Sealing unit for 10/12 mm trocars

- **EK083P**
  - Sealing unit for 10/12 mm trocars with 5 mm flap converter

- **EK085P**
  - Sealing cap
  - box of 20

- **EK088P**
  - Sealing housing

- **EK084P**
  - Cross slit valve
  - box of 20

- **EK087P**
  - Reducing converter
  - box of 5

- **EK088P**
  - Sealing housing

- **EK084P**
  - Cross slit valve
  - box of 20

Suture Fixation

- **EK397R**
  - For 3.5 mm trocars (EK311R & EK315R only)

- **EK097R**
  - For 5 mm trocars
Accessories

**Reducing Sleeves**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EK090R</td>
<td>Reducing sleeve for 10 mm trocars, includes sealing cap EK093P (5 mm guide)</td>
</tr>
<tr>
<td>EK091R</td>
<td>Reducing sleeve for 12 mm trocars includes sealing caps EK093P (5 mm guide) &amp; EK094P (10 mm guide)</td>
</tr>
<tr>
<td>EK093P</td>
<td>Sealing cap 5 mm guide box of 20</td>
</tr>
<tr>
<td>EK094P</td>
<td>Sealing cap 10 mm guide box of 20</td>
</tr>
</tbody>
</table>

**EK390R**
Reducing sleeve for 5 mm trocars, includes 3.5 mm sealing cap

**Suture Sleeve**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td>EK391R</td>
<td>Suture sleeve for 3.5 mm trocars, includes sealing cap</td>
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</tbody>
</table>

Suitable for EK310R / EK314R