Overview

- Eliminates the need for an assistant
- Reduces setup and procedure time
- Provides superior control
- Improves visualization
1 large base plate (No. 18200-04)
2 short fixators (No. 18200-01)
2 tall fixators (No. 18200-02)
1 elastomer, 2m roll (No. 18200-07)
10 retractors, blunt, 2.5mm wide (No. 18200-10)
10 retractors, blunt, 5mm wide (No. 18200-11)
Base Plates

Base plates are available in small and large sizes. The small base plate is ideal for mouse surgeries, and the large base plate is best suited for rat, guinea pig and small rabbit procedures. Both have an internal window which allows the animal to rest upon either a temperature maintenance system or insulating material.

The base plates are made of ferromagnetic stainless steel and can be treated like other stainless steel trays.
Base Plates

Small
20cm x 30cm
No. 18200-03

Large
25cm x 35cm
No. 18200-04

System Base Plate
Magnetic Fixators

Fixators are used to hold the retractors. They contain rare earth magnets that attach anywhere on the base plate. A push button top operates multi-level locking jaws that grip wire or elastomer firmly. They can be adjusted linearly or rotationally with finger-tip release.

The magnetic field is well controlled within the fixator to minimize interference with sensitive instrumentation.
Magnetic fixators come in two sizes. The short fixator offers two locking slots and is ideal for small animal procedures or where a low profile fixator is desired. The tall fixator offers four locking slots and is best suited for large animal procedures.

![Diagram of short magnetic fixator](image-url)

**Short**

No. 18200-01

![Diagram of tall magnetic fixator](image-url)

**Tall**

No. 18200-02
Magnetic Fixators

Anatomy of the Fixator

Press to Unlock

Locking Jaws

Piston

Locking Slots

Body

Spring

Rare Earth Magnet
Magnetic Fixators

Fixators disassemble for easy cleaning

**CAUTION!**
Rare earth magnet in base should not be exposed to temperatures in excess of 300º F.
## Retractor Components

### Retractor Tips

<table>
<thead>
<tr>
<th>Tip Profile</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Blunt 1mm" /></td>
<td>Blunt 1mm No. 18200-09</td>
</tr>
<tr>
<td><img src="image" alt="Blunt 2.5mm" /></td>
<td>2.5mm No. 18200-10</td>
</tr>
<tr>
<td><img src="image" alt="Blunt 5mm" /></td>
<td>5mm No. 18200-11</td>
</tr>
<tr>
<td><img src="image" alt="Blunt 7.5mm" /></td>
<td>7.5mm No. 18200-12</td>
</tr>
<tr>
<td><img src="image" alt="Sharp" /></td>
<td>Sharp use as a skin hook or as a traumatic tissue retractor No. 18200-08</td>
</tr>
</tbody>
</table>
Retractor Components

Wire Handles

10cm
No. 18200-05

14cm
No. 18200-06

Elastomer

No. 18200-07
Static Retraction

Static retraction uses wires to provide precise positioning of the wound margins.

Static Retraction
uses a rigid wire
Static Retraction

A 10cm or 14cm wire handle interlocks with any retractor tip to form a static retractor.

1

2

3
Dynamic Retraction

Dynamic retraction uses elastomer to provide a constant force on the wound margins.

Dynamic Retraction uses elastomer
Dynamic Retraction

A length of elastomer can be over-sleeved (slid over) any retractor cleat to create permanent dynamic retractors.

OR

A length of elastomer can be locked into the internal cleat of any retractor.
Either a wire or elastomer can be secured in the jaws of the fixator, and easily adjusted or retensioned at any point during the procedure.
The System in Use

Fixators can also be repositioned at any time during the procedure.
Other components such as anesthesia inhalation cones can be wrapped in monofilament and positioned using the locking jaws of the fixators. Wires for devices such as temperature probes can be held directly by the fixator jaws.
## Available Components

<table>
<thead>
<tr>
<th>Component</th>
<th>Details</th>
<th>Pkg. of 10</th>
<th>No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Small base plate</td>
<td>(20cm x 30cm)</td>
<td></td>
<td>18200-03</td>
</tr>
<tr>
<td>Large base plate</td>
<td>(25cm x 35cm)</td>
<td></td>
<td>18200-04</td>
</tr>
<tr>
<td>Short fixator, 2.5cm high</td>
<td></td>
<td></td>
<td>18200-01</td>
</tr>
<tr>
<td>Tall fixator, 5cm high</td>
<td></td>
<td></td>
<td>18200-02</td>
</tr>
<tr>
<td>Wire handles, 10cm long</td>
<td></td>
<td>10</td>
<td>18200-05</td>
</tr>
<tr>
<td>Wire handles, 14cm long</td>
<td></td>
<td>10</td>
<td>18200-06</td>
</tr>
<tr>
<td>Elastomer, 2 meter roll</td>
<td></td>
<td></td>
<td>18200-07</td>
</tr>
<tr>
<td>Retractor, sharp point</td>
<td></td>
<td></td>
<td>18200-08</td>
</tr>
<tr>
<td>Retractor, blunt 1mm wide</td>
<td></td>
<td>10</td>
<td>18200-09</td>
</tr>
<tr>
<td>Retractor, blunt 2.5mm wide</td>
<td></td>
<td>10</td>
<td>18200-10</td>
</tr>
<tr>
<td>Retractor, blunt 5mm wide</td>
<td></td>
<td>10</td>
<td>18200-11</td>
</tr>
<tr>
<td>Retractor, blunt 7.5mm wide</td>
<td></td>
<td>10</td>
<td>18200-12</td>
</tr>
</tbody>
</table>