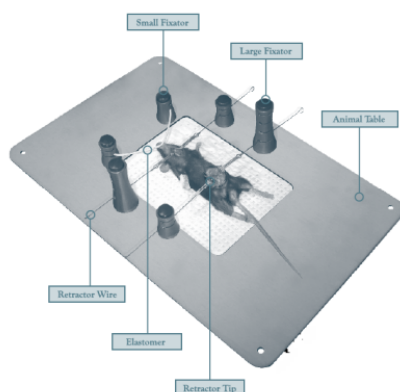




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Retraction System Small Animal



Features

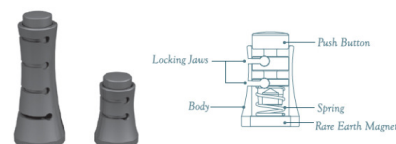
The Uno retraction systems are a new standard of procedural control. The fully integrated procedural and stabilization system provides precisely controlled retraction at the operative site. The retraction system allows researchers to operate independently, eliminating the requirement for an assistant or improvised assistive devices. The system removes the complexities and distractions of improvised set-ups, allowing the researcher to focus full attention on the surgical procedure.

- Eliminates the need for an assistant
- Reduces setup and procedure time
- Provides superior control
- Improves visualization

The UNO retraction system is unlike any other, providing glove-friendly, operative simplicity. With the touch of a finger, the system can be set, released and manipulated. This is made possible by patented mechanisms in the fixators which use rare earth magnets and push-button spring locks to form a fully integrated small-animal procedure system. All system components are compatible with standard lab instrument cleaning systems.

The System Components

Fixators- The Heart of the System; Fixators hold retractors. They contain rare earth magnets that attach anywhere on the animal table. A push-button top operates multi-level locking jaws that grip wires or elastomers firmly. They can be adjusted linearly or rotationally with finger-tip release. Complete depression of the push-button allows for insertion of the wires or elastomer while partial depression of the push-button allows for adjustment. Fixators can also lock onto other lab components that require stabilization in the surgical setting, such as neurological or rectal probes or anaesthesia delivery systems. The magnetic field is well controlled within the fixator to



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minimize interference with sensitive instrumentation. In fact, at a distance of just a few centimeters the effects of these small but powerful magnets are completely gone.

Animal Tables

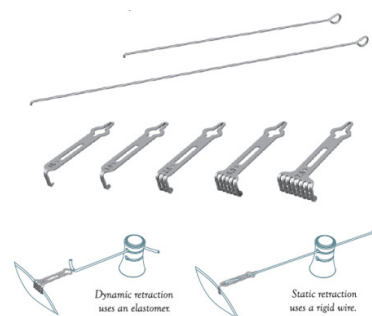
Animal Tables are made of ferro-magnetic stainless steel and incorporate a window for compatibility with body temperature maintenance systems. Table are available in a variety of sizes and shapes to suit range of animals.



Retractors

The Retractors wires are formed from light, flexible stainless steel. This simple approach produces an economical instrument that performs its job with minimal clutter, while providing superb control and feel. Retractor wires can either be used on their own or retract or manipulate tissue or retractor tips can be fitted to provide a wide range of retractor styles. Retractor wires engage and lock into the fixator jaws at the desired elevation allowing both linear and rotational adjustment over the entire length of the wire. One end of the wire is formed in a loop to provide grip for a gloved hand, and the business end is formed into a right angle hook that can retract on its own or lock to a range of retractor tips.

The wires can also be reformed to create restraints or engage other lab apparatus that need to be secured in the surgical field. Wires are available in 10 and 14 cm lengths for mouse and rat procedures. Retractor tip widths range from 1mm to 7,5 mm, plus a single point, sharp tissue hook. Each tip can be locked onto a wire for static retraction, or affixed to an elastomer to form a dynamic retractor.



Ordering number

Bestelnummer	
180000055	Retractiesysteem voor ratten
180000056	Retractiesysteem voor muizen
Retractor tip	
ACD-009	Retractor tip Sharp - 1 mm (10 per pack)



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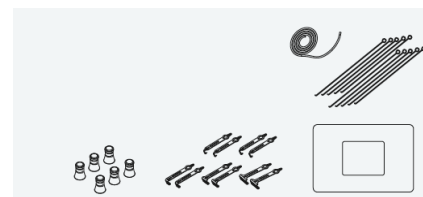
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ACD-010	Retractor tip Blunt - 1 mm (10 per pack)
ACD-011	Retractor tip Blunt - 2,5 mm (10 per pack)
ACD-012	Retractor tip Blunt - 5 mm (10 per pack)
ACD-013	Retractor tip Blunt - 7,5 mm (10 per pack)
ACD-005	Retractor tip Wire - 10 cm (10 per pack)
ACD-006	Retractor tip Wire - 14 cm (10 per pack)
ACD-007	System Elastomer (2 meter Roll)
ACD-008	Retractor Tip- Sample Package (2 each style, 5 sizes per pack)

Retraction System - Mouse

Contains:

1pcs, 20cm x 30 cm table with window
6pcs, 3 cm fixators
10pcs, 10cm wire retractor handles
10cs, 2 meter roll elastomer
10pcs, assorted retractor tipe, two of each style
User documentation (English)



Magnetic Fixator with Spring Lock 3cm tall, Two locking jaws ACD-001

Mouse Table 20 x 30cm With 13 x 10cm Window ACD-003

Retraction System - Rat

Contains:

1pcs, 25 x 35cm table with window
6pcs, 6 cm fixators
10pcs, 14cm wire retractor handles
10cs, 2 meter roll elastomer
10pcs, assorted retraction tipe, two of each style
User documentation (English)



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Magnetic Fixator with Spring Lock 6cm tall, Four locking jaws ACD-002

Rat Table 25 x 35cm With 25 x 20cm Window ACD-004



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