

Pediatric Mandibular Distractor



with anti-reverse mechanism

Our focus is on innovation.

We were founded by a physician with a desire to deliver superior product solutions and a drive to improve clinical results. The Leibinger legacy continues today as we collaborate with surgeons and medical professionals around the world. In keeping with Leibinger's reputation for quality and service, the pediatric mandibular distraction device is the latest generation of innovative product solutions for pediatric patients.

System features

Milled device

- Distraction body is a single unit milled from one solid block of titanium
- Footplates are not welded onto the distractor body, diminishing weak-points between the body and footplate connection



Anti-reverse mechanism

- Mechanism is located discreetly within the distractor body
- Once activated it prevents the device from distracting in the reverse direction



System features

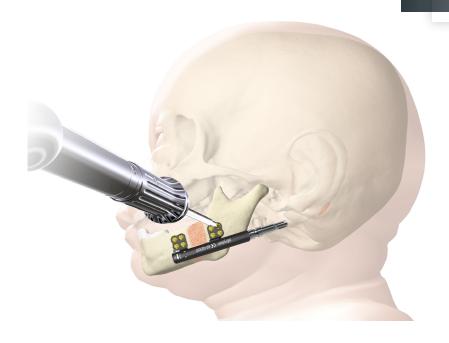
Concealed distraction mechanism

• Slot location potentially reduces exposure to osteotomy site

• With less exposure to the osteotomy site, risk for tissue interference may be reduced

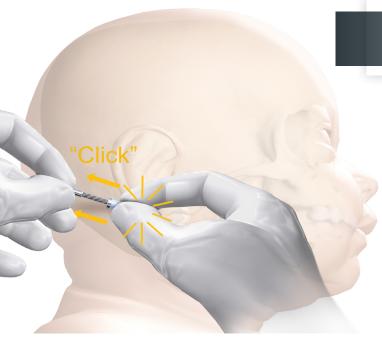


Type II anodization



- Body and footplates undergo Type II anodization, improving the surface finish
- Finish may reduce the risk for tissue and bone adhesion, which can simplify the device removal

System features

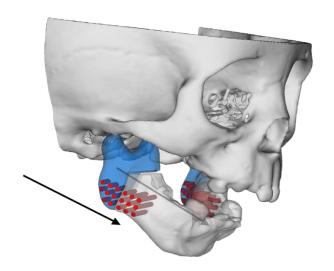


In-office removal of rod

- Removal of the activation rod can be completed within office/out-patient settings, eliminating the need for additional OR time and cost
- An audible click signifies disconnection and the ability to remove the activation rod

Virtual Surgical Planning

- During a design session with 3D Systems, determine your surgical plan
- Plan the placement of osteotomies and vector positioning prior to the surgical procedure
- Create templates and models to guide and visualize device placement



Distraction devices



2x2 left

62-02320 - 20mm **62-02330 -** 30mm

2x2 right

62-02321 - 20mm **62-02331 -** 30mm





3x3 left

62-02322 - 20mm **62-02332 -** 30mm

3x3 right

62-02323 - 20mm **62-02333 -** 30mm



Ordering information

Accessories

Part number	Description
62-00061	Activation handle
	Stryker (€
62-00080	Activation rod rigid, short
62-00081	Activation rod flexible, short
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62-00082	Activation rod flexible
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62-02335	Deactivation instrument
	2 2

Devices

Part number	Description
62-02320	PMD2, 2x2 left, 20mm
62-02321	PMD2, 2x2 right, 20mm
62-02322	PMD2, 3x3 left, 20mm
62-02323	PMD2, 3x3 right, 20mm
62-02330	PMD2, 2x2 left, 30mm
62-02331	PMD2, 2x2 right, 30mm
62-02332	PMD2, 3x3 left, 30mm
62-02333	PMD2, 3x3 right, 30mm

Screws

Part number	Description	
Self-tapping		
50-17003	1.7 x 3mm	
50-17004	1.7 x 4mm	
50-17005	1.7 x 5mm	
50-17006	1.7 x 6mm	
50-17007	$1.7 \times 7 \mathrm{mm}$	
50-17008	1.7 x 8mm	
50-17010	1.7 x 10mm	
50-17012	1.7 x 12mm	
Self-tapping (increased head)		
92-17104	1.7 x 4mm	
92-17105	1.7 x 5mm	
92-17106	1.7 x 6mm	
92-17108	1.7 x 8mm	

Instruments

Part number	Description
62-12170	1.2/1.7 Screwdriver blade
62-20285	Screwdriver handle, metal
01-08110	Plate holding forceps
36-00726	Plate bending pliers

Container/module/tray

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Part number	Description
29-17151	PMD module with lid
29-17152	PMD inlay
29-15031	Universal quarter-size container
29-13018	PMD container lid, quarter-size
29-15036	Universal quarter-size accessory tray
29-15037	Universal quarter-size silicone mat

60-14008

60-13512

Screws		
Part number	Description	
Self-tapping (emergency)		
50-19003	1.9 x 3mm	
50-19005	1.9 x 5mm	
50-19007	1.9 x 7mm	
50-19009	1.9 x 9mm	
Self-drilling		
50-17903	1.7 x 3mm	
50-17904	1.7 x 4mm	
50-17905	1.7 x 5mm	
50-17906	$1.7 \times 6 \mathrm{mm}$	
Twist drills		
Part number	Description	
60-13505	1.35 x 50 mm, 5 mm WL	
60-13506	1.35×50 mm, 6 mm WL	

1.45 x 54 mm, 8 mm WL

1.40 x 54 mm, 12 mm WL

Craniomaxillofacial

A surgeon must always rely on his or her own professional clinical judgment when deciding whether to use a particular product when treating a particular patient. Stryker does not dispense medical advice and recommends that surgeons be trained in the use of any particular product before using it in surgery.

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