Multi-Guide® II
Mandibular Distractor
## Ordering Information

### Basic Set

<table>
<thead>
<tr>
<th>Cat.No.</th>
<th>Quantity</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>29-10270</td>
<td>1</td>
<td>Storage Container</td>
</tr>
</tbody>
</table>

### Sterilization, Organization, Storage

- **Instrumentation**
  - 01-01305 | 1 | Pin Driver Blade, for 2.0 mm Auto-Pilot Pins |
  - 62-01115 | 1 | Linear Activation Tool, Combination |
  - 62-01116 | 1 | Angular Activation Tool |
  - 62-01117 | 1 | Transverse Activation Tool |
  - 62-23001 | 1 | Screwdriver blade, cruciform |
  - 62-01120 | 1 | Handle, for Drill Guide |
  - 62-01122 | 1 | Single Drill Guide Insert |
  - 62-01123 | 1 | Cheek Retractor |
  - 62-01124 | 1 | Trocar, for Drill Guide |
  - 01-08055 | 1 | Screwdriver Handle |

### Optional

<table>
<thead>
<tr>
<th>Cat.No.</th>
<th>Description</th>
</tr>
</thead>
</table>

### Implants

- 62-01000 | Mandibular Distraction Device, 20 mm |
- 62-01010 | Mandibular Distraction Device, 35 mm |
- 62-01020 | Pin Clamp, right |
- 62-01025 | Pin Clamp, left |
- 62-20020 | Auto-Pilot Pins, diam. 2.0 x 60 mm, working length 10 mm |
- 62-20021 | Auto-Pilot Pins, diam. 2.0 x 60 mm, working length 15 mm |
- 62-20022 | Auto-Pilot Pins, diam. 2.0 x 90 mm, working length 10 mm |
- 62-20023 | Auto-Pilot Pins, diam. 2.0 x 90 mm, working length 15 mm |

### Instrumentation

- 60-15120 | Twist drill, diam. 1.5 x 135 mm, working length 20 mm, Stryker shaft end |
- 60-15420 | Twist drill, diam. 1.5 x 135 mm, working length 20 mm, Dental shaft end |
- 62-01121 | Double Drill Guide Insert |
- 6514-4-180 | Hercules Cutter |
Multi-Guide® II Mandibular Distraction Device

Features
- Independent linear distraction of the ramus and the body of the mandible
- Angular manipulation
- Transverse manipulation
- Postoperative control of mandibular augmentation in all planes
- Ease of application
- Precise, easy-to-use color-coded instrumentation

Potential Benefits
- Potentially increases O.R. efficiency
- May eliminate donor-site morbidity associated with bone grafting
- Can reduce the likelihood of relapse
- May be applied to young patients
- May allow time for soft tissue remodeling and adaptation
- Designed to allow fixation in abnormal or deficient mandibles

Indications
- Leibinger’s Multi-Guide® II Mandibular Distraction Device offers the surgeon a versatile, easy-to-use product for controlled mandibular distraction.
- Multi-Guide® II is designed to provide the surgeon control in guiding deficient or misshapen mandibles towards natural facial development. It is also designed to provide surgeons with the ability to gradually, independently, and simultaneously distract and manipulate facial bones in more than one plane.
System Overview

62-01000
Mandibular Distraction Device, 20 mm

62-01010
Mandibular Distraction Device, 35 mm

62-20020
Auto-Pilot Pin, diam. 2.0 x 60 mm, Working length 10 mm

62-20021
Auto-Pilot Pin, diam. 2.0 x 60 mm, Working length 15 mm

62-20022
Auto-Pilot Pin, diam. 2.0 x 90 mm, Working length 10 mm

62-20023
Auto-Pilot Pin, diam. 2.0 x 90 mm, Working length 15 mm

60-15120
Twist Drill, diam. 1.5 x 135 mm, working length 20 mm
Stryker shaft end

60-15420
Twist Drill, diam. 1.5 x 135 mm, working length 20 mm
Dental shaft end

62-01020
Pin Clamp, right

62-01025
Pin Clamp, left

01-08055
Screwdriver Handle

62-20020
Pin Driver Blade, 2.0 mm
Auto-Pilot Pins

62-23001
Screwdriver Blade, cruciform

62-01120
Cheek Retractor

62-01120
Handle, for Drill Guide

62-01121
Double Drill Guide Insert

62-01122
Single Drill Guide Insert

62-01124
Trocar, for Drill Guide

62-01116
Angular Activation Tool
(marked with a blue “A”)

62-01117
Transverse Activation Tool
(marked with a red “T”)

62-01115
Linear Activation Tool, Combination
(marked with yellow/green stripes)
This information is intended as an introduction to the Multi-Guide® II and should not be considered a comprehensive surgical technique.

**Step-by-Step Procedure**

**Step 1**
- Incision and Exposure

**Step 2**
- Planning the Osteotomy and Drill Hole Sites

**Step 3a**
- Pin Placement and Insertion

**Step 3b**
- Pin Placement and Insertion

**Step 3c**
- Pin Placement and Insertion

**Step 4**
- Subtotal Osteotomy

**Step 5**
- Application of Device

**Step 6**
- Completion of Osteotomy and Verification

**Step 7**
- Inspection and Closure
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.