

# iSIS™ Series 5000

Small-Bone Instrument System



Intuitive Surgical Instrument System

iSIS™

**MICROAIRE®**  
For Surgery. For Life.™

# Solo™

## Wire/Drill Driver



The ergonomic Solo™ Driver is the smallest wire/drill-driver with the widest range of wire sizes, part of the new small-bone power system called iSiS™ developed with surgeons, for surgeons by MicroAire.

### FEATURES AND BENEFITS

- ▶ **Single-hand operation**
- ▶ **Fingertip control (forward, reverse, oscillate)**
- ▶ **Optimal visibility for hand and foot procedures**
- ▶ **Fully cannulated**
- ▶ **Light Weight and compact**
- ▶ **Ergonomic - resulting in less hand fatigue for surgeons**
- ▶ **No-fail wire guidance system**
- ▶ **Superior control for small delicate applications**
- ▶ **Ambidextrous**

*Every virtuoso requires  
the right instrument.*



**5995U**

## **Solo™ Driver**

(Unitized) Wire/Drill Driver



The ergonomic Solo™ Driver is the smallest wire/drill-driver with the widest range of wire sizes, part of the iSIS™ small-bone power system developed with surgeons, for surgeons (for use with the new 5025 iSIS™ electric power console (5025).

- ▶ Single-hand operation
- ▶ Fingertip control (forward, reverse, oscillate)
- ▶ Optimal visibility for hand and foot procedures
- ▶ Fully cannulated
- ▶ Wide range of wires (0.7mm to 2.0mm)
- ▶ Smaller than other wire-drivers
- ▶ Designed for ambidextrous use
- ▶ Ergonomic, comfortable and powerful



### Accessories

5025 iSIS™ Electric Instrument Control Console

5006-5000 iSIS™ Electric Instrument Cable for 5025 Console

To order K-Wires, Pins & Drills online visit [www.MicroAire.com](http://www.MicroAire.com)

## Electric Power Console

5025

### iSIS™ Electric Instrument Control Console

- Runs two handpieces simultaneously
- Intuitive graphical user interface
- Precise "smart loop" instrument control
- Integrated irrigation pump
- For use with iSIS™ 5000 series small power instruments, 1000 series small power instruments, SmartDriver™ DUOe and Solo™

\*1641 is not compatible with this console



## Modular Trauma Instrument System

5641

### Dual Trigger Electric SmartDriver™ DUOe

- Powered by the 5025 Console with onboard maximum speed setting
- Compliments iSIS™ 5000 Series Electric System
- Dedicated power
- Convenience of portability
- Quiet and smooth operation
- Variable-speed trigger
- Precise control
- Dual trigger forward/reverse and oscillate controls



#### Accessories

5641SC	SmartDriver™ DUOe Sterilization Case
5025	iSIS™ Electric Instrument Control Console
5006-5000	iSIS™ Electric Instrument Cable for 5025 Console
5000SC	Sterilization Case holds: iSIS™ Series 5000 Small-Bone Instrument System / 5641 SmartDriver™ DUOe w/couplers

5641-045

### Automatic Wire Driver Coupler

Operating Speed: 1600 RPM

0.7mm – 1.6mm

Fits 5641 SmartDriver Duo(e)™ Handpiece Only



### Automatic Pin Driver Coupler

Operating Speed: 1600 RPM

1.7mm – 3.2mm

Fits 5641 SmartDriver Duo(e)™ Handpiece Only



5006-1000

### Cable for 1000 Series Electric Instruments



For use with 5025 console only

5006-5000

### Cable for 5000 Series Electric Instruments



For use with 5025 console only

5006-PAL

### Cable for PAL 600 & PAL 650 Liposuction Instruments



For use with 5025 console only

# Small-Bone System

## 5000ET Electric Motor Handpiece with Hand Throttle

- ▶ Powered by the 5025 iSIS™ Electric Instrument Control Console
- ▶ Optional 5401 foot pedal
- ▶ Variable-speed throttle

### Accessories

5000SC	Sterilization Case
5025	iSIS™ Electric Instrument Control Console
5006-5000	iSIS™ Electric Instrument Cable for 5025 Console
5401	Foot pedal for 5025 console



# Drill Head Modules



## 5930 Micro Drill Module

Operating Speed: 30,000 RPM

The work-horse of small bone surgery

Sculpting, drilling and reaming intramedullary canals for small bones

Built-in medium-length bur guard

Long and extra-long bur guards available

### Accessories (See Value Options Catalog)

1100-005	Long Bur Guard
1100-006	Extra-Long Bur Guard
1140-010	Irrigation Clip
Use with any of MicroAire's extensive selection of ZB-series burs	



## 5980 Jacobs® Style Drill Module

Operating Speed: 1,670 RPM

Jacobs-style twist drills without switching over to a wire driver

1645-004  
Key included

### Accessories

MicroAire 8051 and 8054-series twist drills

Diameter between 1.0mm and 4.0mm, up to 127mm in length

1645-004 Key (included)



## 5990 Synthes® Style Drill Module

Operating Speed: 1,670 RPM

### Accessories

MicroAire 8053-series quick-coupling twist drills

Diameter between 0.1mm and 3.5mm, up to 127mm in length



## Saw Head Modules



### 5922 Micro Sagittal Saw Module

Operating Speed: 30,000 CPM

Sagittal saw module provides the ultimate in control, power, and maneuverability

Transverse or wedge osteotomies

Accepts a variety of ultra-thin (.3 mm) straight, angled, bent or offset blades



### 5950 Keyless Hall® Style Sagittal Saw

Operating Speed: 18,000 CPM

Powerful saw designed to operate longer and larger sagittal saw blades

Simple push-button release, eliminates the need for a hex wrench to lock blades

Blades positioned at any location along a 160° arc

Good visibility and optimal approach

Transverse or wedge osteotomies



### 5955 Hall® Style Sagittal Saw Module

Operating Speed: 18,000 CPM

Powerful saw designed to operate longer and larger sagittal saw blades

Blades positioned at any location along a 160° arc

Good visibility and optimal approach

Transverse or wedge osteotomies

Blades are secured in place with a 2250-001 Locking Tool (included)

#### Accessories

2250-001 Locking Key (included)



### 5945 Reciprocating Saw Module

Operating Speed: 16,000 CPM

Powerful, quick-cutting reciprocating saw

Oral and maxillofacial surgery

Shaping, contouring and preparing intramedullary canals of small bones



### 5946 NEW Quick-Connect Reciprocating Saw

Quick-connect reciprocating saw

Operating Speed: 16,000 CPM

Powerful, quick-cutting reciprocating saw

Oral and maxillofacial surgery

Shaping, contouring and preparing intramedullary canals of small bones

\* For use only with MicroAire's "MR-Series" quick-connect blades



# Sterilization Cases

5000SC

iSIS™ Series 5000

Small-Power Modular Instruments  
Sterilization Case with Tray

- ▶ High-quality, medical-grade polymer
- ▶ Modular tray
- ▶ Base fits all MicroAire® small-power surgical instruments, modules and Solo™ Driver
- ▶ Withstands most sterilization procedures including temperatures up to 380° F



5641SC

SmartDriver™ Duo(e)

Sterilization Case with Tray

- ▶ High-quality, medical-grade polymer
- ▶ Base holds the SmartDriver handpiece and electric cable
- ▶ Insert tray holds 10 couplers and wire/pin collets
- ▶ Slots for measuring the diameter of K-wires and Pins
- ▶ Withstands most sterilization procedures including temperatures up to 380° F



# Foot Pedal

5401

iSIS™ Electric Foot Pedal

- ▶ Compatible with 5025 console only
- ▶ Two pedals provide variable-speed control for forward or reverse rotation
- ▶ Irrigation control





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