

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



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



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



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



5641-045 Automatic Wire Driver Coupler

Operating Speed: 1600 RPM
0.7mm – 1.6mm

Fits 5641 SmartDriver Duo(e)™ Handpiece Only



5641-050 Automatic Pin Driver Coupler

Operating Speed: 1600 RPM
1.7mm – 3.2mm

Fits 5641 SmartDriver Duo(e)™ Handpiece Only



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

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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