

SmartDriver



The MicroAire SmartDriver is the first choice in power for orthopaedics, trauma and sports medicine.

MICROAIRE[®]
For Surgery. For Life.[™]

SmartDrivers provide the versatility and choice of power sources including pneumatic, electric and the industry's first Nickel Metal Hydride Battery (NiMH). The SmartDriver provides over 125 in. oz. of torque and over 1600 RPM of speed to insert K-wires and Steinmann pins up to 3.2mm for fixation. The high-torque drilling and light reaming couplers produce an impressive 31 in. lbs. of torque at 500 RPM. The attachments are available for drilling, pinning, reaming, sawing and pulse lavage.

The Battery, Electric, and Pneumatic SmartDrivers accept the same wide selection of couplers, making all SmartDrivers an excellent choice for:

- ▶ **ACL surgery**
- ▶ **I.M. Nailing**
- ▶ **Trauma**
- ▶ **Lavage**
- ▶ **Osteotomies**
- ▶ **Internal Fixation**
- ▶ **External Fixation**
- ▶ **Ilizarov fixation**
- ▶ **Drilling**
- ▶ **Reaming**

6643

SmartDriver Duo™

Dual-Trigger Cordless Handpiece

Offering the ultimate in convenience and versatility, the SmartDriver™ Duo functions as either a cordless or an electric instrument. Choose between battery power (the industry's first autoclavable or aseptic transfer NiMH battery) or the 7025 Direct Power Console.

- ▶ Cordless freedom
- ▶ Dual-trigger (forward/reverse/oscillate)
- ▶ Variable-speed triggers
- ▶ Single-hand operation
- ▶ Wide selection of quick-connect couplers
- ▶ Designed for percutaneous drilling and fixation
- ▶ Advanced NiMH battery technology
- ▶ Quick charging
- ▶ More power, longer running time
- ▶ Autoclavable



6642B

SmartDriver XT

Single-Trigger Cordless Handpiece

- ▶ Cordless freedom—no hoses or cables
- ▶ Forward/Reverse/Oscillate control on the instrument base
- ▶ Designed for percutaneous drilling and fixation
- ▶ Quiet and smooth operation
- ▶ Variable-speed trigger
- ▶ Advanced NiMH battery technology
- ▶ Quick charging
- ▶ More power, longer running time
- ▶ Autoclavable



1641

Electric SmartDriver

- ▶ Powered by the 1025 Console with onboard maximum speed setting
- ▶ Complements Series 1000 Electric System
- ▶ Dedicated power
- ▶ Convenience of portability
- ▶ Quiet and smooth operation
- ▶ Variable-speed trigger
- ▶ Precise control
- ▶ Forward/reverse control on instrument base



6640

Pneumatic SmartDriver

- ▶ Time-proven reliability of air power
- ▶ Adaptable to many existing air systems
- ▶ Complements Series 1000 Pneumatic System
- ▶ Variable-speed trigger
- ▶ Precise control
- ▶ Forward/reverse control on instrument base



Drilling and Reaming Couplers

The SmartDriver line offers exceptional speed and torque for tunneling in ACL surgery, trauma drilling, and intermedullary reaming for I.M. nails.



6680
Jacobs®
Coupler 5/32"

Operating Speed: 1600 RPM



6690
Synthes®
Quick Connect
Coupler

Operating Speed: 1600 RPM



6660
Trinkle Coupler

Operating Speed: 1600 RPM



6686
Jacobs-Style
Coupler 1/4"

Operating Speed: 1600 RPM



6688
Keyless Drill
Coupler 1/4"

Operating Speed: 1600 RPM



6685
Jacobs-Style
High-Torque
Reamer
Coupler 1/4"

Operating Speed: 500 RPM



6665
Hudson®
High-Torque
Reamer Coupler

Operating Speed: 500 RPM



6687
Zimmer®
(Hudson®
Modified
Trinkle) Reamer
Coupler

Operating Speed: 500 RPM



6689
Synthes®
Reamer Coupler

Operating Speed: 500 RPM

Wire and Pin Driving Couplers

Automatic wire and pin collets allow for simple placement of wires, pins and guide wires. Use the oscillate feature for accurate placement without spooling of soft tissue.



6643-045
Automatic Wire Driver Coupler
(Fits 6643 SmartDriver Duo)

Operating Speed: 1600 RPM
0.7mm – 1.6mm
Fits 6643 SmartDriver Duo Handpiece Only



6643-050
Automatic Pin Driver Coupler
(Fits 6643 SmartDriver Duo)

Operating Speed: 1600 RPM
1.7mm – 3.2mm
Fits 6643 SmartDriver Duo Handpiece Only



6645
Automatic Wire Driver
(Fits 6640, 1641 and 6642B SmartDrivers)

Operating Speed: 1600 RPM
0.7mm – 1.6mm



6650
Automatic Pin Driver
(Fits 6640, 1641 and 6642B SmartDrivers)

Operating Speed: 1600 RPM
1.7mm – 3.2mm

Sawing Couplers

Three styles of sagittal saws or a reciprocating saw for precision and heavy-duty cutting. Sagittal saws are available with or without locking keys.



6670
Sagittal Saw Coupler with Key

Operating Speed: 18,000 CPM
Accepts MicroAire ZS-0XX and ZS-3XX Sagittal Blades



6672
Keyless Sagittal Saw Coupler

Operating Speed: 18,000 CPM
Accepts MicroAire ZS-3XX Sagittal Blades



6673
Heavy-Duty Sagittal Saw Coupler

Operating Speed: 18,000 CPM
Accepts MicroAire ZO-7XXX (not longer than 71mm), ZS-0XX and ZS-3XX Sagittal Blades



6400
Reciprocating Saw Coupler

Operating Speed: 16,000 CPM
Accepts MicroAire 1400 Series and ZR Series Reciprocating Blades

Pulse Lavage Coupler



Used for debriding bone surfaces and cleaning trauma and other soft tissue wounds. MicroAire offers a wide range of tubing sets for specific surgical applications, with extra nozzles and splash shields available.

6640-474
Pulse Lavage Coupler

SmartDriver and Accessories

SmartDriver Handpieces

1641	Electric SmartDriver
6640	Pneumatic SmartDriver
6640-100	Pneumatic SmartDriver Handpiece (with MicroAire Hose Connector)
6640-200	Pneumatic SmartDriver Handpiece (with Hall® Hose Connector)
6640-600	Pneumatic SmartDriver Handpiece (with Synthes® Hose Connector)
6642B	SmartDriver XT Single-Trigger Cordless Handpiece
6643	SmartDriver Duo™ Dual-Trigger Cordless Handpiece

Accessories

1006-1000	Electric Handpiece Cable for 1025 Console
1025	Universal Electric Console
2651-000	Series 1000 Sterilization Case
6640-710	NiMH SmartDriver Battery Pack
6643-040	Sterilization Case and Washer Tray (Fits two handpieces and couplers)
6651-100B	SmartDriver Sterilization Case
7025	Direct Power Console
7500-615	Aseptic Battery Housing
7500-620	Aseptic NiMH Battery Pack
7500-625	Charging Adapter
7500-630	Aseptic Transfer Shield
7500-700	Universal Battery Charger
7505-710	Large NiMH Battery Pack
7007-000	Direct Power Console Cable
9000-000	10' (3m) Air Hose
9000-020	20' (6m) Air Hose

Drilling and Reaming Couplers

6660	Trinkle Coupler
6665	Hudson® High-Torque Reamer Coupler
6680	Jacobs® Coupler 5/32"
6685	Jacobs-Style High-Torque Reamer Coupler ¼"
6686	Jacobs-Style Coupler ¼"
6687	Zimmer® (Hudson® Modified Trinkle) Reamer Coupler
6688	Keyless Drill Coupler ¼"
6689	Synthes® Reamer Coupler
6690	Synthes® Quick Connect Coupler

Wire and Pin Driving Couplers

6643-045	Automatic Wire Driver Coupler (Fits 6643 SmartDriver Duo)
6643-050	Automatic Pin Driver Coupler (Fits 6643 SmartDriver Duo)
6645	Automatic Wire Driver (Fits 6640 and 1641 SmartDrivers)
6650	Automatic Pin Driver (Fits 6640 and 1641 SmartDrivers)

Sawing Couplers

6400	Reciprocating Saw Coupler
6670	Sagittal Saw Coupler with Key
6672	Keyless Sagittal Saw Coupler
6673	Heavy-Duty Sagittal Saw Coupler

Pulse Lavage Coupler

6640-474	Pulse Lavage Coupler
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To order, call toll-free **1-800-722-0822**

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