



SmartDriver™

Modular Trauma Instrument System

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

SmartDrivers™ provide the versatility and choice of power sources including pneumatic, electric and the industry's first Nickel Metal Hydride Battery. The SmartDriver™ provides up to 140 in. oz. of torque and 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 500RPM. 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 a cordless instrument. Choose between battery power: the industry's first autoclavable or aseptic transfer NiMH battery.

- 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
- Handpiece and couplers validated for use in automated washer/sanitizer



| Accessories | | |
|-------------|--|-------|
| 6643-040 | Sterilization Case and Washer Tray. Fits two handpieces and couplers. | p. 28 |
| 7500-700 | Universal Battery Charger | p. 24 |
| 6640-710 | NiMH SmartDriver™ Battery Pack | p. 24 |
| 7505-710 | Large NiMH Battery Pack | p. 24 |
| 7500-615 | Aseptic Battery Housing | p. 24 |
| 7500-620 | Aseptic NiMH Battery Pack | p. 24 |
| 7500-625 | Charging Adapter | p. 24 |
| 7500-630 | Aseptic Transfer Shield | p. 24 |



A complete collection of SmartDriver™ couplers can be found on pages 10 - 11



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

5641

Dual Trigger Electric SmartDriver DUO®e



- Powered by the 5025 Console with onboard maximum speed setting
- Compliments 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

(Fits 5641 SmartDriver DUO®e)

Operating Speed: 1600 RPM
0.7mm – 1.6mm



5641-050 Automatic Pin Driver Coupler

(Fits 5641 SmartDriver DUO®e)

Operating Speed: 1600 RPM
1.7mm – 3.2mm

Accessories

| | | |
|-----------|--|-------|
| 5641SC | SmartDriver DUO®e Sterilization Case | p. 28 |
| 5025 | Electric Instrument Control Console | p. 25 |
| 5006-5000 | Electric Instrument Cable for 5025 Console | p. 25 |
| 5000SC | Sterilization Case holds: Series 5000 Small-Bone Instrument System / 5641 SmartDriver DUO®e w/couplers | p. 27 |

6640

Pneumatic SmartDriver™



- Time-proven reliability of air power
- Adaptable to many existing air systems
- Compliments Series 5000 Pneumatic System
- Variable-speed trigger
- Precise control
- Forward/reverse control on instrument base



6645 Automatic Wire Driver Coupler

(Fits 6640 and 1641 SmartDrivers™)

Operating Speed: 1600 RPM
0.7mm – 1.6mm



6650 Automatic Pin Driver Coupler

(Fits 6640 and 1641 SmartDrivers™)

Operating Speed: 1600 RPM
1.7mm – 3.2mm

Connectors

| | |
|----------|---|
| 6640-100 | Pneumatic SmartDriver™ Handpiece (with MicroAire® Hose Connector) |
| 6640-200 | Pneumatic SmartDriver™ Handpiece (with Hall® Hose Connector) |

Accessories

| | | |
|----------|---|-------|
| 5641SC | SmartDriver™ Sterilization Case | p. 28 |
| 9000-000 | 10 ft (3m) pneumatic hose with MicroAire® connector | p. 30 |
| 9013-000 | 10 ft (3m) pneumatic hose with Hall® connector | p. 30 |
| 5000SC | Series 5000 Sterilization Case | p. 27 |