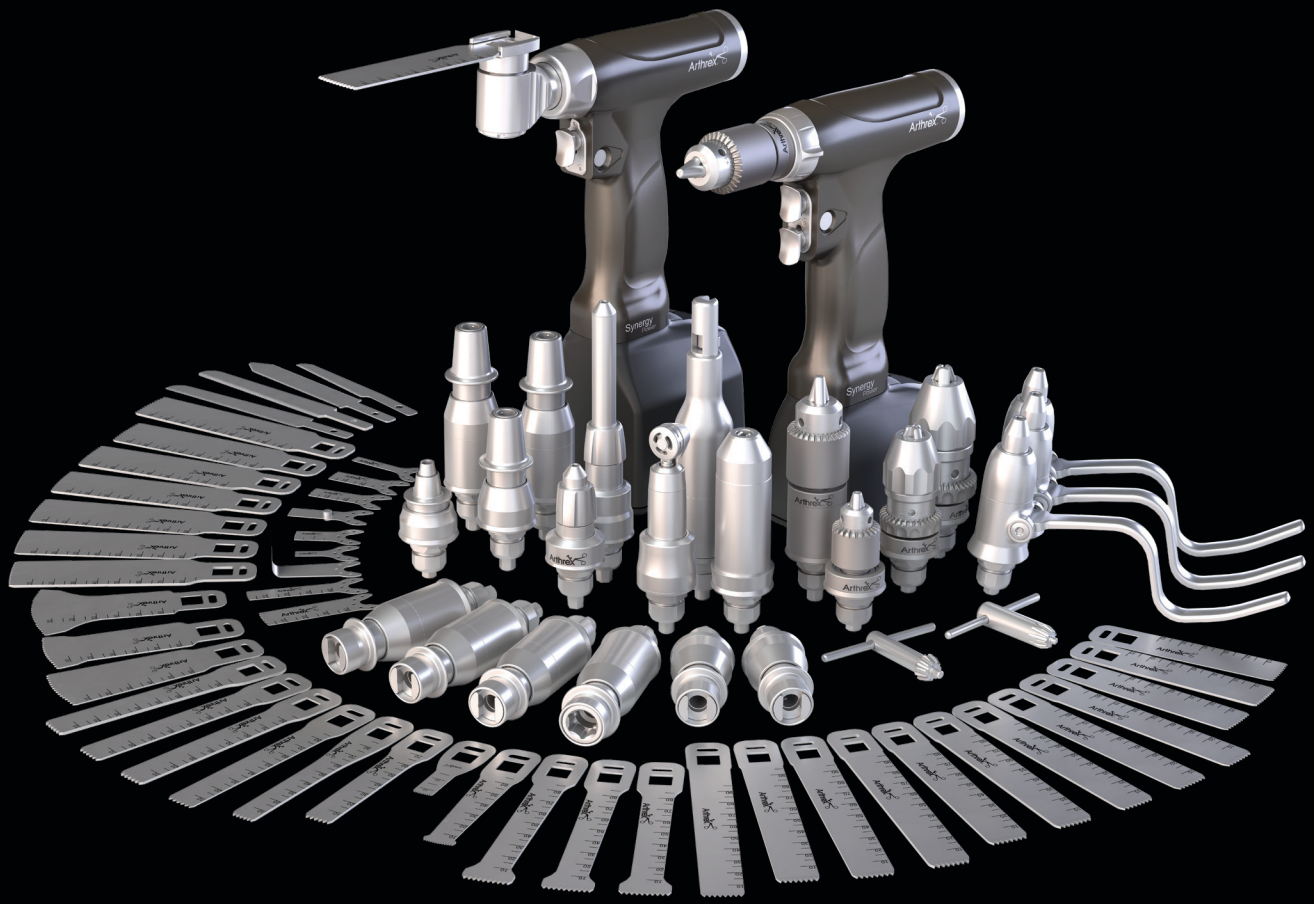
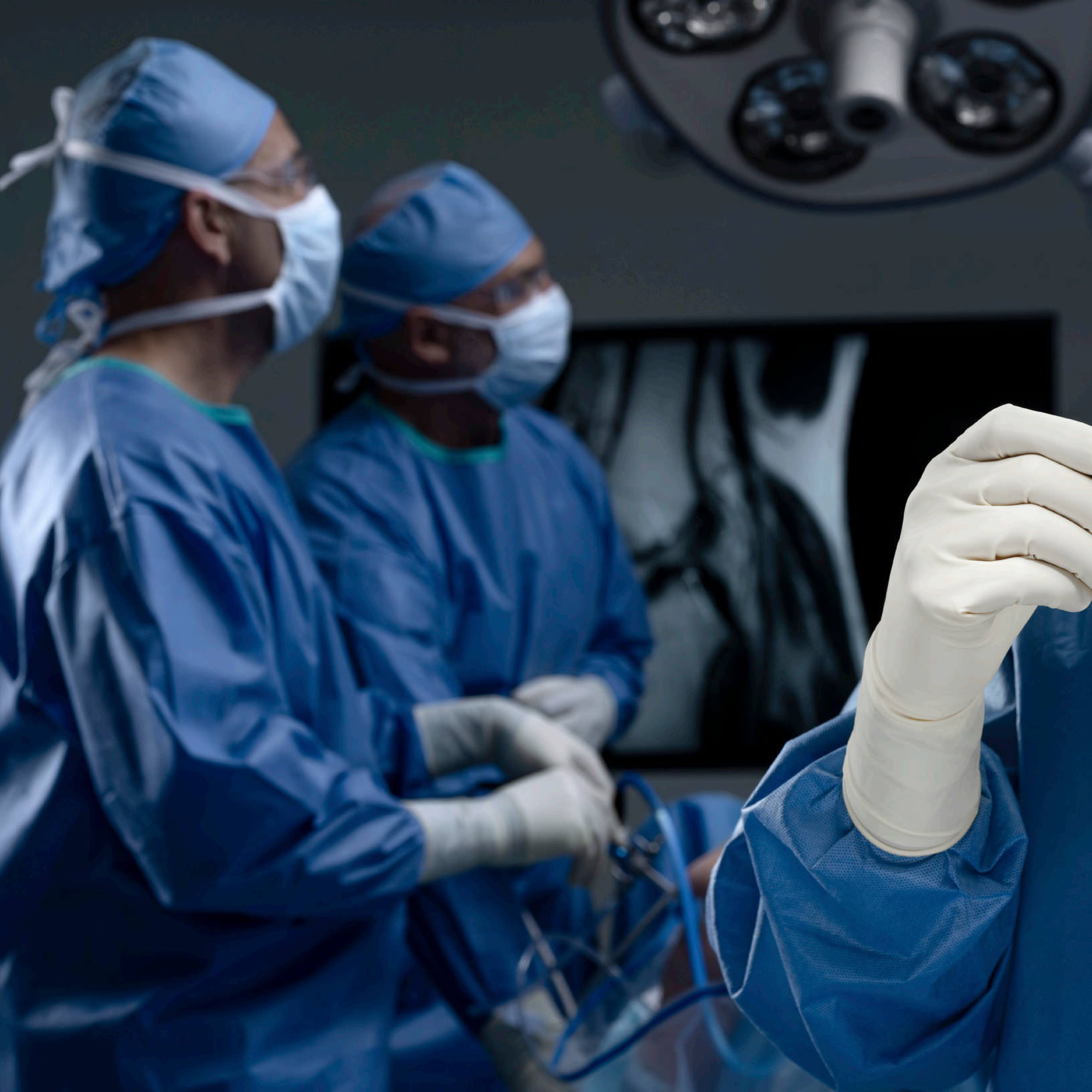
Synergy Power

More Power. More Speed.
Less Weight. Exceptional Reliability.[1]



Scan to learn more about the Synergy Power™ system

Arthrex®



Contents

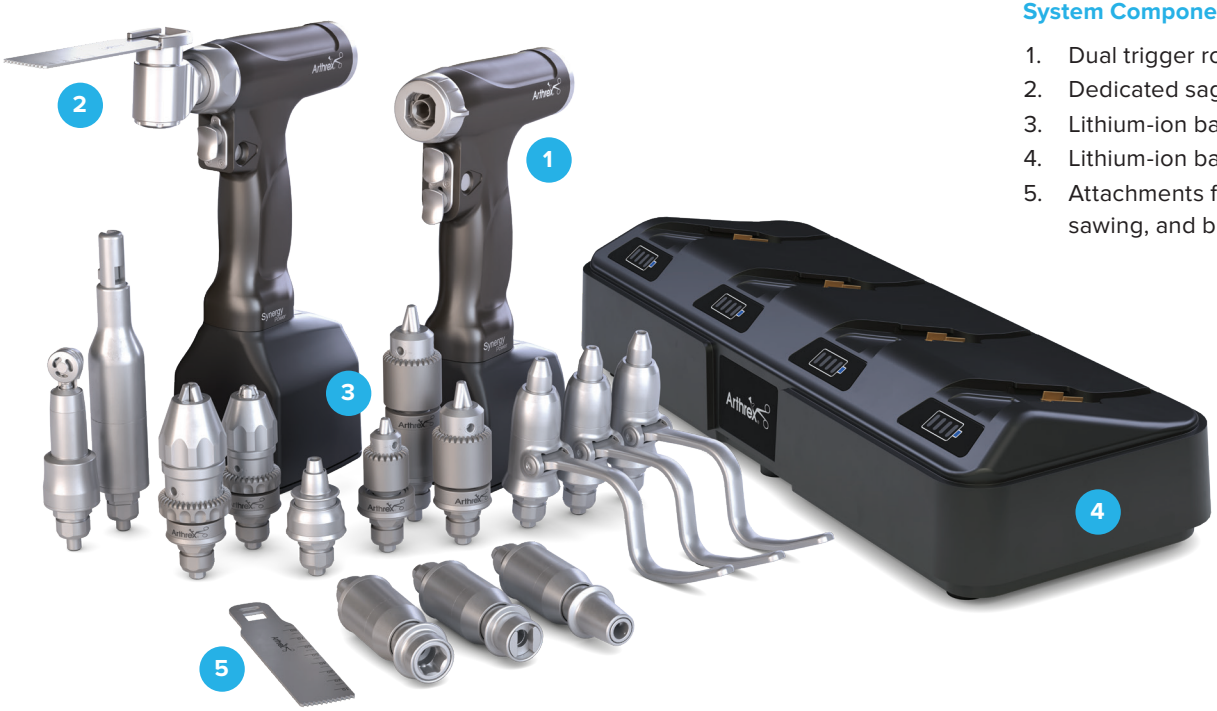
Synergy Power™ System: One System, Built to Last

The Synergy Power system is a powerful, versatile, and reliable battery-powered system designed for a multitude of orthopedic applications including sports, arthroplasty, trauma, and distal extremities procedures.

With two handpieces—the dual trigger rotary drill and dedicated sagittal saw—the Synergy Power system provides surgeons and facilities with precision, power, and flexibility. The dual trigger rotary drill can drill, ream, saw, and burr while delivering the torque necessary for heavy-duty reaming applications. Designed for efficiency, the dedicated sagittal saw offers a robust and precise cutting experience with a proprietary open-hub design for easy visualization and confirmation of blade placement.

The Synergy Power system uses lithium-ion battery packs that can be sterilized before surgery or ordered as an aseptic option.* Designed for procedure customization, the sterilizable battery packs come in a small size for light-duty procedures and a large size for heavy-duty procedures that require maximum battery run time.

Lithium-ion battery chargers for the system were designed to have a small footprint and for rapid battery processing. The chargers feature a simple user interface, four charging bays, and quick charging times.



System Components

1. Dual trigger rotary drill
2. Dedicated sagittal saw
3. Lithium-ion battery packs
4. Lithium-ion battery chargers
5. Attachments for drilling, reaming, sawing, and burring

Handpieces

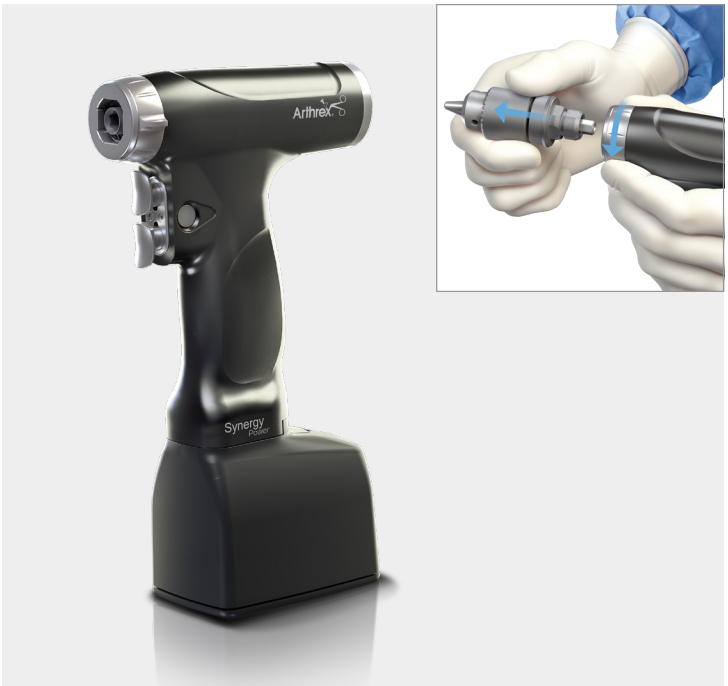
One System, Two Handpieces

The dual trigger rotary drill and dedicated sagittal saw both feature an ergonomic, lightweight aluminum design with an advanced anodized coating to prevent corrosion and keep the handpieces looking new. Both handpieces are comprised of hermetically sealed components to protect handpiece longevity by preventing moisture from impacting the motor, controller, and electronic wiring.

Key Features and Benefits

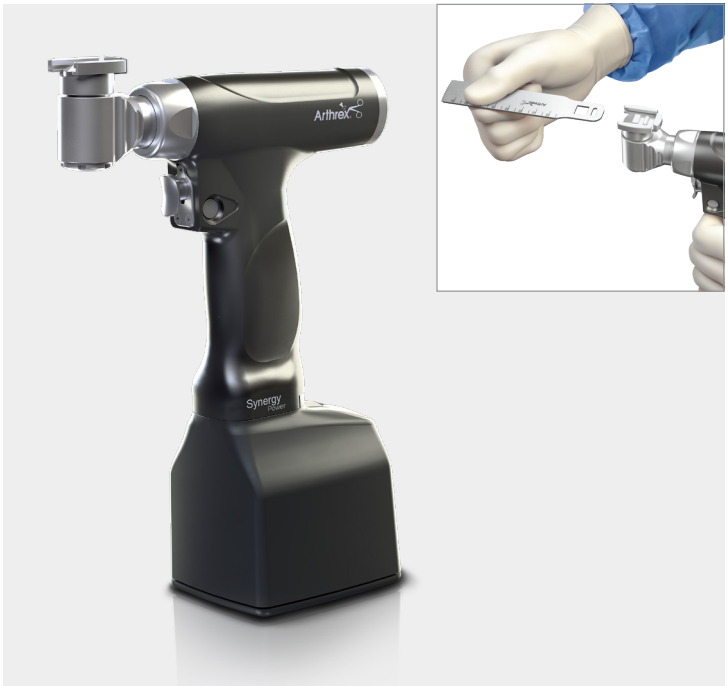
Dual Trigger Rotary Drill

The dual trigger rotary drill features an innovative collet mechanism to efficiently connect and remove attachments. With the left or right rotation of the easy-to-access collet ring, surgeons and staff can remove an attachment and quickly connect another attachment for seamless transition to the next surgical step.



Dedicated Sagittal Saw

The proprietary hub of the dedicated sagittal saw was designed for easy access to an area that is particularly challenging to properly visualize and clean. The proprietary open-hub design not only makes for efficient sterile processing but provides OR staff with assurance of secure blade placement.



Battery Packs and Chargers

Powered by Lithium-Ion

The Synergy Power™ system is powered by 13.2 V lithium-ion battery packs, enabling the handpieces to deliver optimal power for peak performance. The availability of both small and large battery packs gives facilities the flexibility to choose the best option for each procedure.

Designed as an intuitive, space-saving solution, Synergy Power lithium-ion battery chargers boast smart charging capabilities with simple iconography for charge status at a glance.

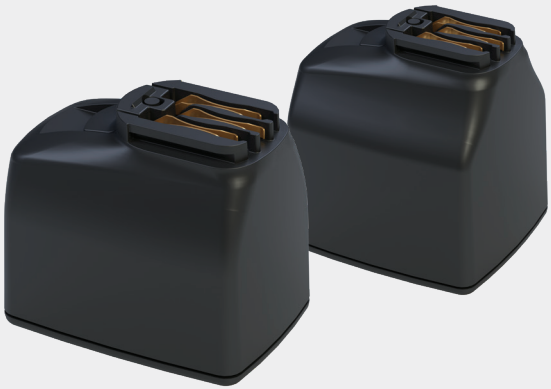
Key Features and Benefits

Lithium-Ion Battery Packs

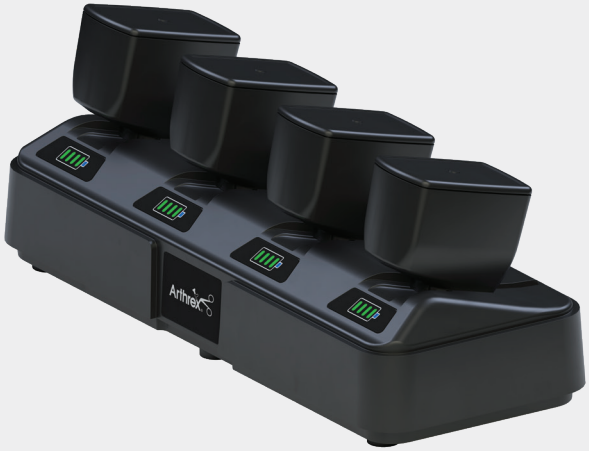
- 13.2 V lithium-ion batteries deliver optimal power for peak performance
- Sterilizable batteries offered in two sizes provide flexibility for varying caseloads
- Sterilizable and aseptic* options allow facilities to choose their ideal battery solution

Lithium-Ion Battery Chargers

- Smart chargers designed to provide a fast and efficient charge while taking up minimal space
- Intuitive design for clear confirmation of battery charge level
- Charge four batteries at a time



Lithium-Ion Battery Packs



Lithium-Ion Battery Charger

Attachments

Designed for Versatility

The Synergy Power™ system offers a comprehensive selection of attachments to facilitate the drill's use across orthopedics, including sports, arthroplasty, trauma, and distal extremities procedures. Created with a unique, proprietary connection to the drill collet, the attachments are easy to connect and remove as needed.

Attachment Overview

Drill

- Dual trigger wire collet, small, 0.6-1.8 mm
- Dual trigger pin collet, medium, 2.0-3.2 mm
- Dual trigger pin collet, large, 3.0-4.2 mm
- Small AO drill
- 5⁄32 in drill chuck, with key
- ¼ in drill chuck, with key
- ¼ in drill chuck, hybrid, with key
- ⅛ in drill chuck, hybrid, with key
- Hudson drill
- Hudson modified trinkle drill
- Trinkle drill
- J/T-latch

Saw

- Micro sagittal saw
- Reciprocating saw

Burr

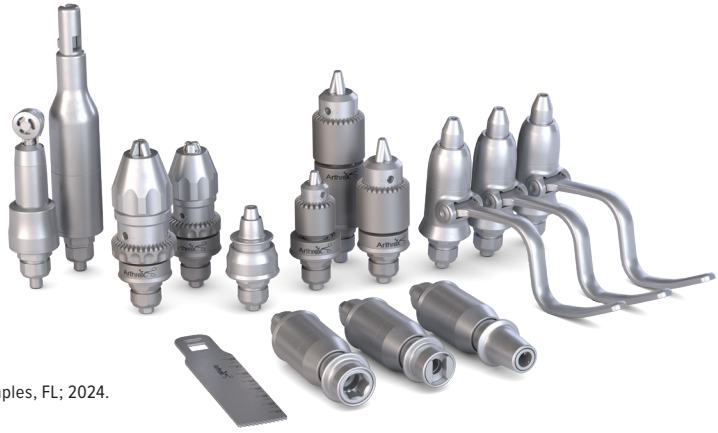
- High-speed bur

Ream

- Large AO reamer
- Hudson modified trinkle reamer
- ¼ in reamer chuck, with key
- DHS/DCS reamer
- Trinkle reamer
- Hudson reamer

Miscellaneous Attachments

- Radiolucent drive adapter



Drilling Attachments

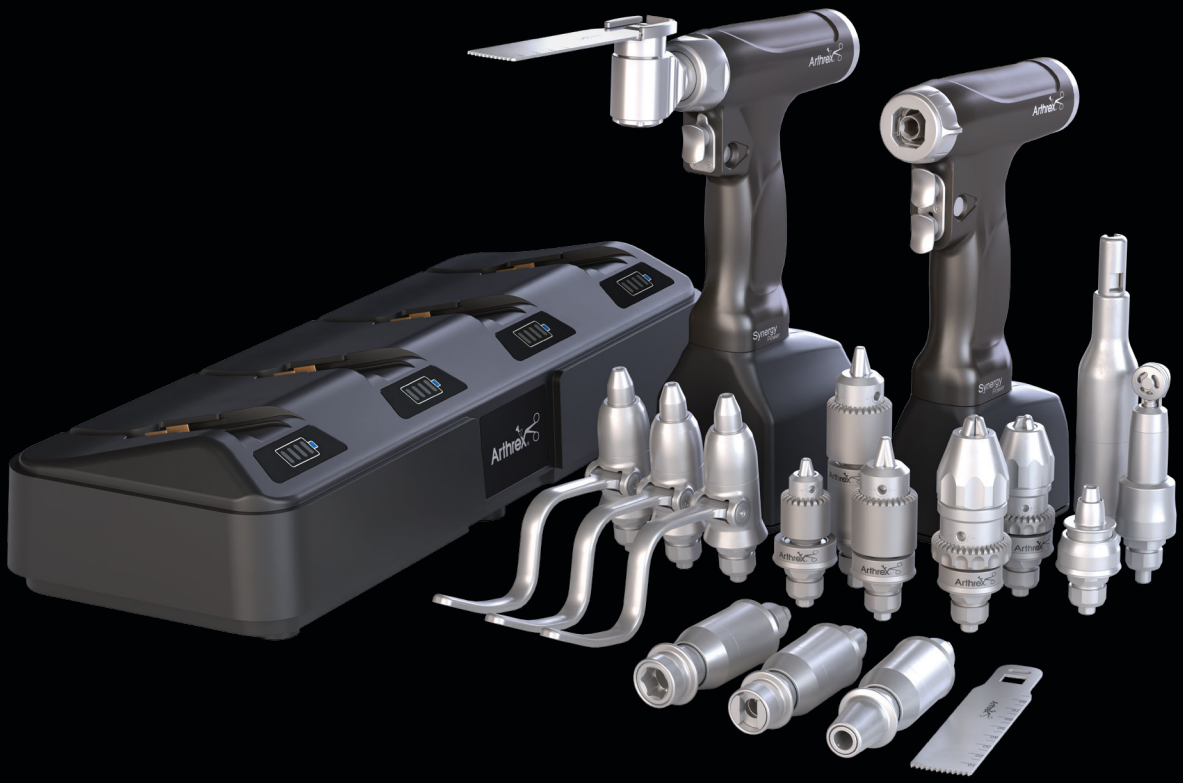
Sawing Attachments

Burring Attachments

Reaming Attachments

Reference

1. Arthrex, Inc. Data on file (PLM108610). Naples, FL; 2024.



This description of technique is provided as an educational tool and clinical aid to assist properly licensed medical professionals in the usage of specific Arthrex products. As part of this professional usage, the medical professional must use their professional judgment in making any final determinations in product usage and technique. In doing so, the medical professional should rely on their own training and experience and should conduct a thorough review of pertinent medical literature and the product's directions for use. Postoperative management is patient-specific and dependent on the treating professional's assessment. Individual results will vary and not all patients will experience the same postoperative activity level or outcomes.

Arthrex manufacturer, authorized representative, and importer information (Arthrex eIFUs)

US patent information

*Product not yet available for sale

arthrex.com