

## FIXED-DRIVER AND PROCEDURAL KIT INSTRUMENTS


ECA offers fixed-drivers as well as awls, trocars, drill guides, depth gauges, guide wires, and drill bits. Instruments may be customized for tip geometry handle type, over molds, branding, materials and packaging.



**430 Standard FD Palm** with Wick Away® technology



**440 Standard FD Palm Awl**



**450 Standard FD Axial** with Wick Away® technology



**400 Speed-ECAp™ Standard Spin Top** with Wick Away® technology



**401 Speed-ECAp™ Crown Top** with Wick Away® technology



**420 T-Handle**

## ORTHOPAEDIC & SPINE TORQUE-LIMITING DEVICES


Single-procedure torque instruments range from 1.0 lb.in.–106.0 lb.in. (0.112 Nm–12 Nm). Featuring engineered polymers and precision machined tips that can be customized including handle shapes, over molds, branding, torque set points, packaging, tip geometry and more.



**218 Short** 1.0–5.0 lb.in. (0.112–0.550 Nm)



**218 Long** 1.0–5.0 lb.in. (0.112–0.550 Nm)




**219 Axial** 5.0–20.0 lb.in. (0.550–2.24 Nm)



**219 Palm** 5.0–20.0 lb.in. (0.550–2.24 Nm)



**220 Axial** 20.0–40.0 lb.in. (2.24–4.51 Nm)




**225 Large Axial** 20.0–50.0 lb.in. (2.24–5.64 Nm)



**225 T-Handle** 10.0–40.0 lb.in. (1.12–4.51 Nm)



**225 T-Handle** 40.0–80.0 lb.in. (4.51–9.16 Nm)



**230 Off Set T-Handle** with integrated shaft 40.0–110.0 lb.in. (4.51–12 Nm)

## TRANSFORMING IMPLANT ECONOMICS

Disposable instruments and surgery ready kits can save the orthopaedic industry over \$1 billion every year and are ideal for both the hospital and outpatient surgery centers. They save a typical implant OEM over \$1,000 per procedure by reducing life cycle costs including spares and repairs, calibration, and logistics. Hospitals and surgery centers save over \$800 per instrument, per year, by eliminating post-operative cleaning and re-sterilization, reducing the use of energy, water and hazardous cleaning chemicals, lower labor costs and reducing inventory space and administrative handling.

### Sustained benefits with single-procedure instruments and kits:

- More implant sales with surgery ready instruments and implants.
- Pristine instrument set for every procedure.
- Surgeons gain guaranteed precision torque for every procedure.
- Improved OR efficiency.
- Reduced risk of Surgical Site Infection (SSI).
- OEMs save over \$1,000 per procedure.
- OEM sales reps gain new annuity revenue.
- Hospitals/Surgery Centers save over \$800 per instrument per year.

### Corporate Offices and Design Center

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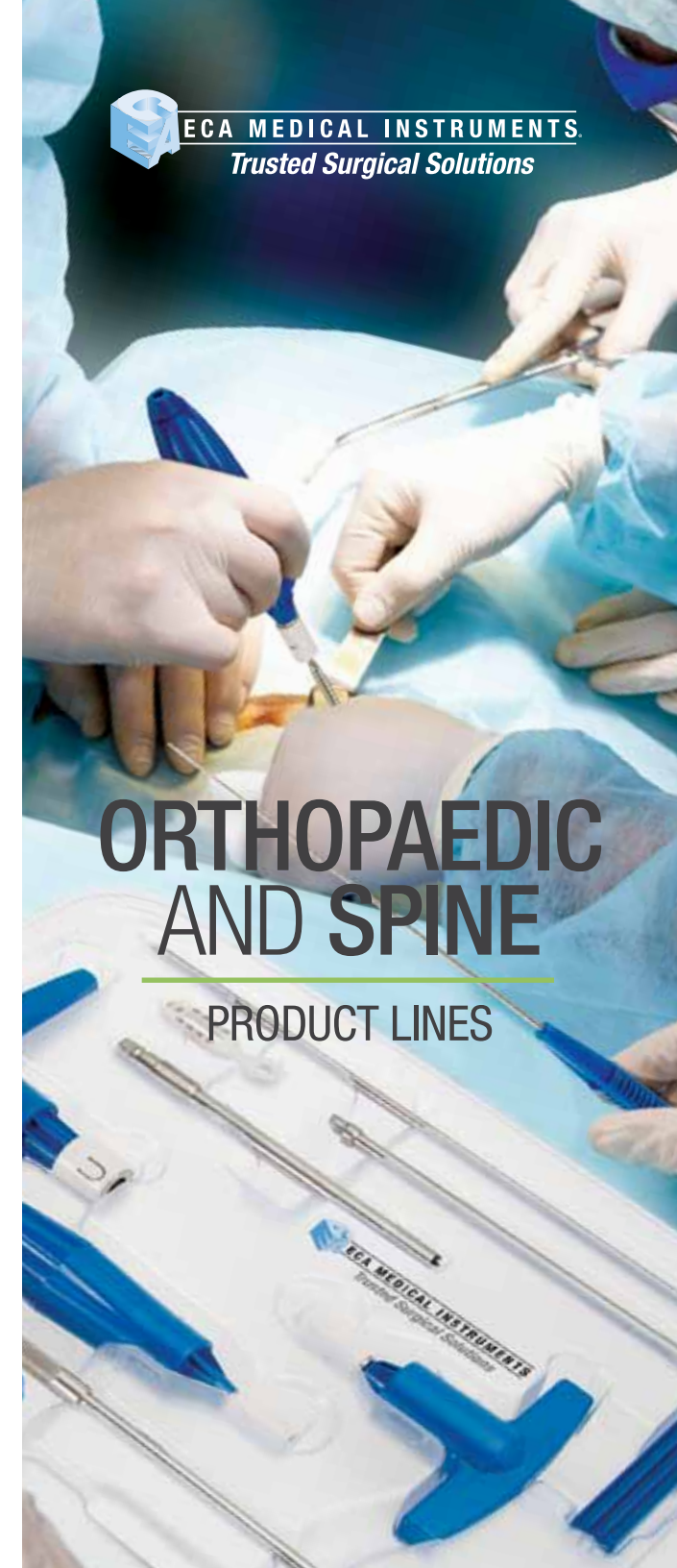


**ECA MEDICAL INSTRUMENTS**  
*Trusted Surgical Solutions*

# ORTHOPAEDIC AND SPINE

## PRODUCT LINES

SINGLE-USE



**ECA Medical Instruments®**  
**designs and develops**  
**single-procedure (disposable)**  
**instruments and sterile-**  
**packed, surgery ready**  
**procedural kits for our**  
**OEM implant customers.**

ECA is the one-stop shop to quickly and efficiently commercialize robust, and fully validated semi-custom and custom instruments and procedural kits for a wide range of ortho/spine applications including:

- Trauma and Extremity Implants.
- Foot/Ankle, Hand/Wrist Implants.
- Cannulated Screws from 2mm to 8mm for Long and Small Bone Repair.
- Clavicle Plates/Screws for Fracture Repair.
- Joint Arthroplasty Implants.
- Shoulder and Glenoid Vault.
- CMF Procedures/Implants.
- Cervical Plates, Screws and Interbodies.
- Thoracolumbar and Sacral Joint Kits.

Every ECA instrument or procedure kit is fully validated with packaging, branding, labeling, sterilization and dock to stock fulfillment options. As a FDA registered OEM medical device company, ECA is typically the manufacturer of record, holds CE Mark and develops the product Design History File (DHF). Our customers hold the 510(k) and serve as distributor of record.

ERGONOMIC

## TORQUE-FAST®' PRODUCT FAMILY

ECA's Torque-Fast® instruments allow quick connectivity to legacy orthopaedic and spine instrument shafts and tips. Instruments are available in a full range of ergonomic handles and torque set points from 1.0 lb.in. to over 106.0 lb.in. (0.112–12 Nm). Various handle, over mold and ergonomic configurations are available.




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**Model 218** with AO connector and Tri-Lobe Handle  
 1.0–5.0 lb.in. (0.112–0.550 Nm)

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**Model 219** with AO connector and Palm Handle  
 5.0–20.0 lb.in. (0.550–2.24 Nm)

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**Model 219** with AO connector and Axial Handle  
 5.0–20.0 lb.in. (0.550–2.24 Nm)

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**Model 225** with ¼" square connector and Axial Handle  
 20.0–50.0 lb.in. (2.24–5.64 Nm)

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**Model 225** with ¼" square connector and T-Handle  
 40.0–80.0 lb.in. (4.51–9.16 Nm)

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**Model 230** Off Set T-Handle with integrated shaft or ¼" square connector/hub  
 40.0–110.0 lb.in. (4.51–12 Nm)

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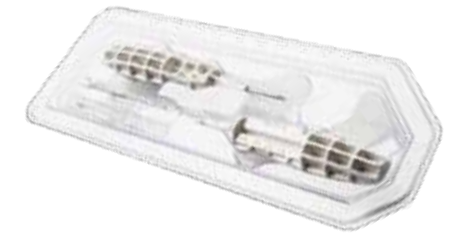
## ORTHOPAEDIC / SPINE KITS

ECA is your one-stop shop for sterile-packed, surgery ready disposable procedural kits for securing trauma, extremity, small bone, cranio-maxillofacial (CMF), spine and joint recon implants. ECA collaborates with OEM implant firms to create robust instrument kits with tailored designs, branding, packaging and full validations.

### Distal Radius Sterile-Ready Kit



### Cannulated Screw Instrument Kit



### Thoracolumbar Cannulated Instrument Kit

