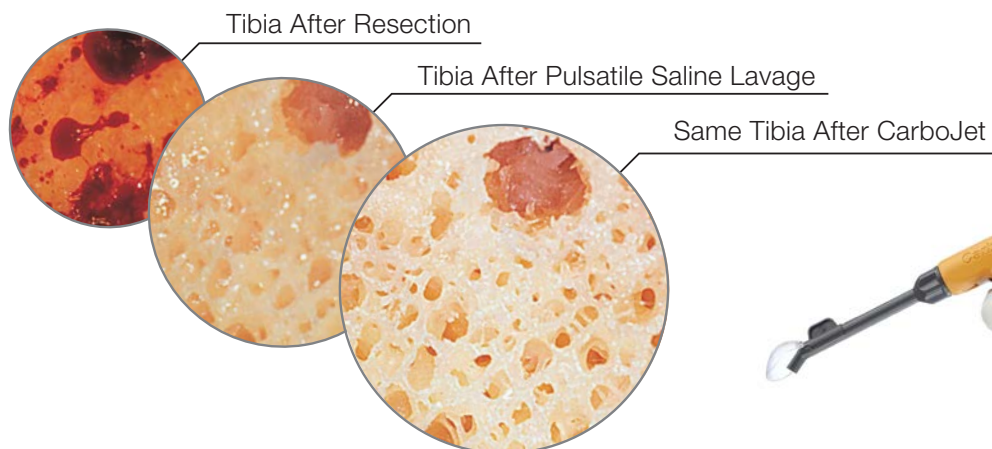


CarboJet XF[®] CO₂ Bone Preparation System

Now Offered as a Single Use, Fully Disposable Kit!



NEW Fully Disposable, Sterile Packed CarboJet[®] ASC Friendly

All the benefits and performance of the traditional CarboJet system without any of the instrument tray reprocessing costs.

- Removes lipids and other fluids from the bone bed, for improved cement penetration and bond^{1,2,3}
- Facilitates Tourniquetless TKA, shown to reduce post-op pain and opioid use⁴
- Increases Cement Interface Strength³
- Reduces Opportunity for Micro-Emboli⁵

The “Gold Standard” tool for optimization of the bone bed in cemented arthroplasty just got easier and more cost efficient!

- Optimized for the ASC / outpatient facility to maximize efficiency and convenience
- The fully disposable handset kit eliminates all instrument cleaning and sterilization requirements
- With sterilization costs alone estimated at more than \$50 per tray⁶ and with additional costs for handling, turnover time and tray storage, real savings are achieved

1. Meneghini (2019) The Effect of Tourniquet Use and Sterile CO₂ Bone Preparation on Cement Penetration in Primary TKA. J Arthroplasty.
2. Goldstein (2007) Improvement of cement mantle thickness with pressurized CO₂. ISTA.
3. Stanley (2010) Bone-cement interface strength using two preparation techniques. Hand Surg.
4. Meneghini (2018) Tourniquetless TKA...Decreases Pain & Opioid Consumption in Women. J Arthroplasty.
5. Lassiter (2010) Intraoperative embolic events with use of pulsatile saline versus CO₂ lavage. ORS
6. Goldberg (2019) Logistical and economic advantages of sterile-packed, single-use instruments for total knee arthroplasty. J Arthroplasty.



Kit comes sterile packed and is available with an included clip-on splash shield.



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Quality Care. Clinically Proven.

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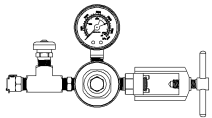


Splash Shield available with Handpiece Set or as separate item (also attaches to the standard CarboJet[®] reusable 40° nozzle).

Part Number	Description
27-100-1000	CarboJet XF Handpiece Set with 40° Nozzle
27-100-1010	CarboJet XF Handpiece Set with 40° Nozzle & Splash Shield
27-100-1140	CarboJet XF Splash Shield

Various reusable pressure regulator options are available:

25-200-0110	CarboJet Pressure Regulator with CGA 940 Pin-index Yoke Tank Connection
25-200-0150	CarboJet Boom/Headwall Source CO ₂ Adaptor, DISS, Extension Hose
25-200-0160	CarboJet Boom/Headwall Source CO ₂ Regulated Adaptor, DISS
25-200-0162	CarboJet Boom/Headwall Source CO ₂ Regulated Adaptor, DISS, Extension Hose



25-200-0110 CO₂ Pressure Regulator with CGA 940 Connector



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For more information:

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820 Flynn Road, Camarillo, CA 93012-8701



Caution: Federal law restricts this device to sale by or on the order of a physician. Prior to use of a Kinamed device, please review the instructions for use and surgical technique for a complete listing of indications, contraindications, warnings, precautions, and directions for use. CarboJet[®] U.S. Patent No. 8,100,851; 8,721,595. Japan Patent No. 5,735,524. Additional US & International Patents Pending.

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