

A close-up photograph of the VACUUKIT vacuum mixing and injection system. The device features a blue plastic handle with a trigger mechanism, a clear plastic mixing chamber with a red O-ring, and a clear plastic injection tube. A clear plastic mixing needle is shown separately in the foreground. The background is a plain, light-colored surface.

VACUUKIT®

Vacuum mixing & injection system
for low & medium viscosity bone cements

 **Teknimed**

VACUUKIT® has been designed to contribute to the porosity reduction during the preparation of bone cement by applying vacuum and thereby increase the mechanical stability.

The other interests of this technique are the reduction of the MMA fumes to limit exposure of medical operators.

Indications

For preparation of low & medium viscosity arthroplasty bone cements

Advantages

- EASY & READY TO USE
- HOMOGENEOUS & REPRODUCIBLE MIXING
- CEMENT POROSITY REDUCTION
- REDUCTION OF EXPOSURE TO MMA FUMES
- CONTROLLED RETROGRADE CEMENT INJECTION

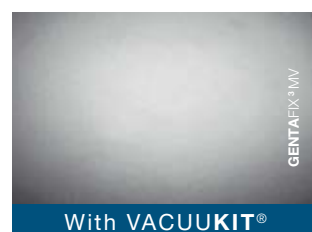
Composition

VACUUKIT® Vacuum mixing & injection system is composed of:

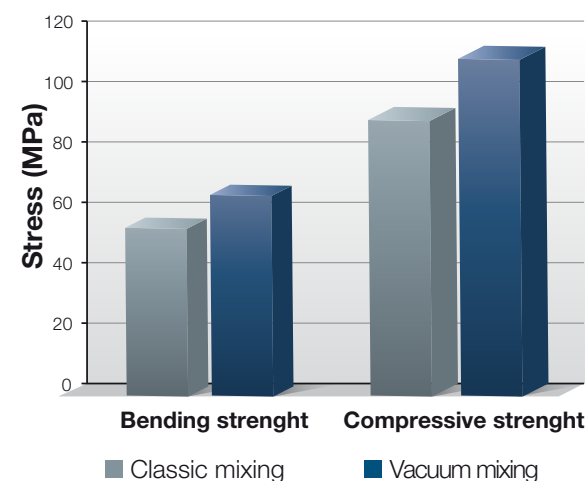
- A reservoir which is used for mixing and as injection cartridge.
- A base to ensure the stability of the device during the mixing
- A funnel to properly fill the reservoir with the powder and liquid components.
- A mixer plunger to prepare the bone cement.
- A flexible tube with filter to apply vacuum during mixing and avoid air bubble entrapment.
- An injection handset for a safe and comfortable injection.
- A tube to inject the cement

Properties

Improved Homogeneity
(Porosity reduction)



Increased mechanical stability
(improvement of mechanical properties)



Improved long-term clinical outcomes
(Reduce the risk of breakage)



NO CEMENT LOSS

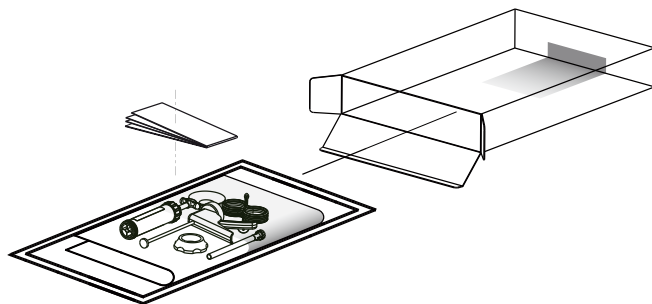
➔ Equipped with a cement pusher



VACUUKIT®

Storage & Packaging

VACUUKIT® must be stored, unopened, in its original packaging. No specific conditions are necessary for the storage.



VACUUKIT® is packaged in a double pouch.

VACUUKIT® is sterilized with ethylene oxide according to ISO 11135. Single use only.

For any further information, please refer to the IFU.

PRODUCT	REFERENCE	DESIGNATION
VACUUKIT®	T060416	Vacuum mixing & Injection system for bone cement



Class IIa
CE 2797

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