



122, avenue de la République
F-75011 Paris France
Tel/Fax: +33 (0)1 48 05 11 00
E-Mail: contact@dentak.com



How to use K-System blender

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Read the warning on how to use K-System blender before any application.

This product is intended exclusively for medical professionals (dentists, maxillo facial surgeons, stomatologists).

CONTENT

The K-System blender includes:

- A plate
- A cup intended to make the mixture

DESCRIPTION

Preparation kit for a mixture of various materials authorised by applicable law and destined to be grafted (ex : autogenous bone, biomaterials etc....)

The K-System blender can only be used with K-System 5.2.

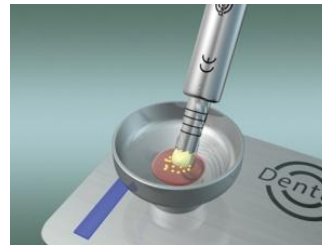
Before using K-System 5.2 read the warning for K-System 5.2.

The plate of the K-System blender includes a means of reception of one end of the tube of the FTBO 5.2 mm positioned vertically, and a reception muff for the cup of the K-System blender. This last has an opening in its centre which is blocked when the cup is positioned on the plate muff. In this way the mixture of the different materials of the bone implant can be made. When the cup is positioned on the bore tube of the FTBO 5.2, the

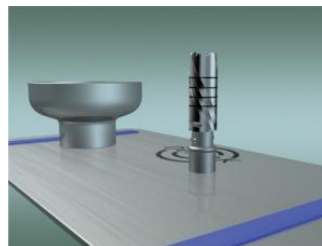
opening in its centre allows the mixture of bone and biomaterials to be poured in the tube, before it is again poured at the height of the receiving site of the bone graft.

OPERATIVE METHOD

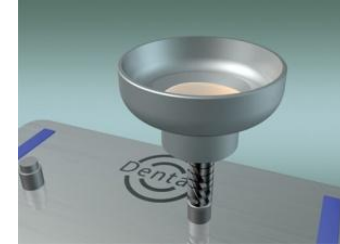
1. Take off the autogenous bone with the help of the FTBO of the K-System (Refer to the operative method of the K-System warning).



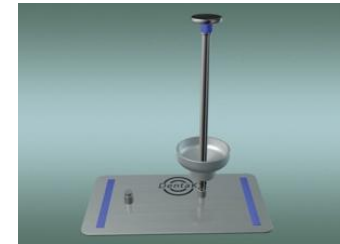
2. Prepare the mixture (autogenous bone, biomaterials, blood ...) in the cup.



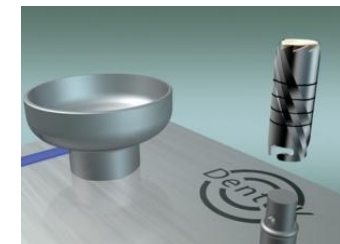
3. Place the tube of the FTBO 5.2 on the plate (fix it with the bayonet).



4. Place the cup on the tube.



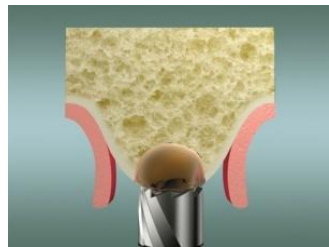
5. Fill the tube with the help of the piston of the syringe of the K-System 5.2.



6. Disconnect the tube of the plate.



7. Mount the tube on the syringe of the K-System 5.2.



8. Inject the mixture in the height of the receiving site.

INDICATIONS

When is a maxillary bone implant necessary:

- Parodontal surgery
- Implant surgery :
 - Immediate implantation
 - Summers technique
 - Sinus lift procedure

CONTRA-INDICATIONS

All the usual contra-indications linked to bone graft. K-System has not been designed to be used during orthopedic procedures.

DISINFECTION, CLEANING AND STERILISATION

The parts of the K-System 5.2 and of the K-System blender must be disinfected, cleaned, dried and sterilised before the first use and after being used on a patient.

The following procedure must be used by trained and protected personnel (gloves, overalls, glasses) through the whole operation.

Decontamination: the elements of the K-System blender and of the K-System 5.2 must be washed in a bath with a disinfecting solution to decontaminate the dirty instruments (Use the disinfecting solution **CE** labelled that is compatible with stainless steel and teflon, according to the instructions of the manufacturer).

First rinse: rinse to eliminate the disinfecting solution.

Cleaning: After the first rinse, disassemble the syringe and the FTBO 5.2, take away the cup of the plate of the K-System blender and then soak all these elements in an ultrasound bath containing an appropriate cleaning solution. Clean by hand using a soft brush to get rid of all of the fragments lodged inside the body of the syringe, in the tube of the FTBO 5.2, and also inside the cup of the K-System blender (bone, biomaterials, blood ...).

Second rinse: Rinse for the second time to get rid of the cleaning solution.

Drying: Dry the instruments very well.

Inspection: After drying examine all of the components and make sure they work well.

Sterilisation: Put the components of the K-System 5.2 and of the K-System blender in an autoclavable pouch and seal it (the elements of the K-System 5.2 and of the K-System blender must be disassembled to insure the very best sterilisation of all of the elements). The sterilisation must take place inside an autoclave made for the sterilisation of surgical instruments. Select a sterilisation cycle at 135°C for 20 minutes. (Follow the instructions of the manufacturer of the autoclave).

SYMBOLS

LOT Lot number

135° Can be sterilised at 135°C steam for 20 minutes

REF Commercial reference of the product

NON STERILE Non sterile