

djosurgical[™]

OptiTwist
Vacuum Mixing Bowl



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The new OptiTwist Vacuum Mixing Bowl is a vacuum mixing system that can be used for all types of PMMA bone cement. The cement can easily be delivered with the specially designed spatula.

Based on customer feedback the bowl has been designed to easily fit the palm of the hand, without compromising on capacity. The OptiTwist Vacuum Mixing Bowl has the capacity to allow mixing of three 40 gram batches of *Cobalt* Bone Cement or two 40 gram batches of high volume cement at one time.



OptiTwist Vacuum Mixing Bowl

Easy to Mix

Optimized gearing and an ergonomic design ensures an easier mixing technique.

High Clarity

The high clarity allows the mixing process to be easily viewed.



Ergonomic Spatula

Contoured handle provides the user with a comfortable grip. The blade remains flexible and is specially designed to match the internal profile of the bowl to minimize waste.

Small Size - Great Capacity

Allows mixing of three 40 gram batches of *Cobalt* Bone Cement or two 40 gram batches of high volume cement at one time.



Unique Rotational Axis

Bone cement must be able to withstand the high and complex loading that it is subjected to throughout the lifetime of the implant. Mixer design has been found to influence the quality of cement and a significantly better mix quality can be achieved with a rotational axis device compared to hand mixing or a fixed axis bowl! (Fig. 1 & 2)

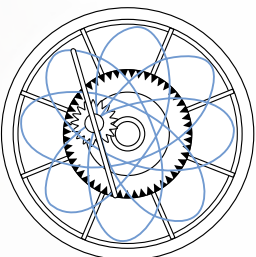


Fig 1. Rotational Axis Mixer Design

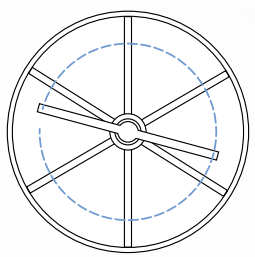









Fig 2. Fixed Axis Mixer Design

Order Information

Product	Part Number	Product Name
	419100	OptiTwist Vacuum Mixing Bowl
	402282	Cobalt HV Bone Cement (40g)
	402283	Cobalt HV Bone Cement with Gentamicin (40g)
	402438	Cobalt MV Bone Cement (40g)
	402439	Cobalt MV Bone Cement with Gentamicin (40g)
	422800	Vacuum Foot Pump for Optivac
	448801	Hose for Optivac Pump



References

1. Kurdy NMG, Hodgkinson JP, and Haynes R, 1996. Acrylicbone-cement; influence of mixer design and unmixed powder. J Arthroplasty, 11(7), 813-819.

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CAUTION: Federal Law (USA) restricts this device to sale by or on the order of a physician.
See package insert for a complete listing of indications, contraindications, warnings, and precautions.