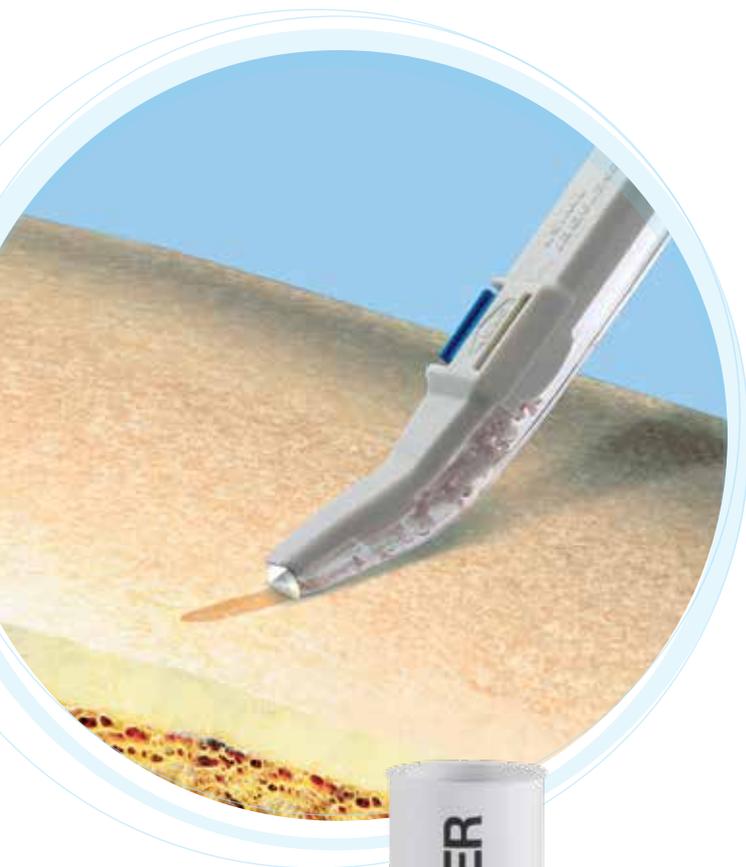


# SAFESCRAPER™ TWIST Cortical Bone Collector

A New Twist On Manually Harvesting Bone



## 1 Provides 160° Cutting Area

- Effective On Plane, Concave And Convex Bone Surfaces

## 2 Available In Curved And Straight Designs

- Versatile, Facilitating Access To Hard-To-Reach Posterior Regions

## 3 Large Capacity Chamber

- Minimizes Bone Shaving Dispersion And Retains Bone In A Sterile Chamber To Limit Patient Contamination

## 4 Lateral Opening System

- Provides Device Stability And May Be Used As A Container For Composite Grafts

## 5 Viability

- Harvested bone contains viable bone cells and shows high osteogenic potential<sup>1,2</sup>
- Higher cell viability, cell proliferation, osteogenic potential and release of growth factors compared to other harvesting methods<sup>2,3</sup>

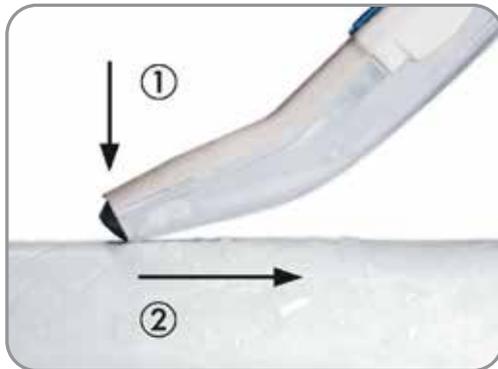


ZIMMER BIOMET

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# SAFESCRAPER TWIST: How It Works

**1** The bone is collected by pushing the end of the device toward the bone surface with the chamber facing downward and simultaneously pulling the device itself backward.



**2** To retrieve collected bone, keep the transparent chamber facing downward, press the lock button sideways and slide the chamber clockwise.



**Each SAFESCRAPER TWIST Has A Per-Patient Blade Life That Effectively Harvests Up To 5 cc Of Bone**



## Ordering Information

Item No.	Description
3598	SAFESCRAPER TWIST Straight (3 units), 3 cc
3987	SAFESCRAPER TWIST Curve (3 units), 2.5 cc

Shelf life of SAFESCRAPER TWIST is three years.

1. Zaffe D, D'Avenia F. A novel bone scraper for intraoral harvesting: a device for filling small bone defects. Clin Oral Impl Res. 2007;18:525-533.
2. Miron RJ, Hedbom E, Saulacic N, Zhang Y, Sculean A, Bosshardt DD, Buser D. Osteogenic potential of autogenous bone grafts harvested with four different surgical techniques. J Dent Res. 2011;90:1428-33.
3. Miron RJ, Gruber R, Hedbom E, Saulacic N, Zhang Y, Sculean A, Bosshardt DD, Buser D. Impact of Bone Harvesting Techniques on Cell Viability and the Release of Growth Factors of Autografts. Clin Impl Dent Rel Res. 2013;15:481-489.

Contact us at 1-800-342-5454 or visit [zimmerbiometdental.com](http://zimmerbiometdental.com)

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