

Smart partners for your regenerative treatments

Oral surgery instruments by META Technologies S.r.l.





SAFE-SCRAPER TWIST

The gold standard in intraoral bone harvesting

SAFESCRAPER TWIST

provides a quick and accurate method to obtain ideal autogenous cortical bone for grafts in any type of dental defects.

> SAFESCRAPER TWIST curve

Maximum cutting efficiency

The exclusive cutting performance of the semicircular blade allows cortical shavings to be collected, while preserving high cell vitality, which is essential for graft integration. \circ





Quick, safe, and effective



The bone collected is already combined with blood and ready to be positioned in the defect, or it can be temporarily maintained in aseptic conditions in the transparent chamber during the procedure.

Ready to use

Disposable, individually packaged

Minimally invasive

Manual harvesting is non-traumatic and well tolerated by patient

Useful

Harvesting from any intraoral site including close to defect

Versatile

Ideal for both extensive and minor procedures

High cell vitality

Living and well-preserved bone cells: particularly osteocytes, but also osteoblasts, osteoclasts, and osteoprogenitor cells¹

Ideal morphology

Elongated and convoluted shaving of a mean length of 1.3 mm and thickness between 150 and 250 μm

SAFE-SCRAPER TWIST CURVE VOLUMIZER

Extra volume version

Same performance while collecting larger bone volume

- > Developed from the longstanding experience of the SAFESCRAPER family
- > Enables rapid and accurate collection of autogenous cortical bone

Autogenous bone is a precious asset in alveolar ridge augmentation. Collecting enough can be a challenge, especially for large augmentation procedures. Sometimes, even resorting to extraoral surgery sites is necessary, which can cause additional discomfort for the patient.

Redesigned blade

- > Double grooves in the blade allow for three collecting surfaces
- > Cutting performance reduces patient discomfort
- > Blade has a cutting range of 160° (just like the whole SAFESCRAPER family)
- > Works on plane, concave and convex surfaces





The VOLUMIZER continues to provide the established benefits of the proven SAFESCRAPER TWIST curve:

- > Based on state-of-the-art technology and current medical practices
- > Ergonomic curved body easier for surgeons to use
- > Devices are disposable and come ready to use in single sterile packages
- > Quality of harvested bone means presence of many viable osteocytes
- > Promotes graft acceptance, neovascularization and bone regeneration^{2,3}



Collected bone already contains blood and is ready to use

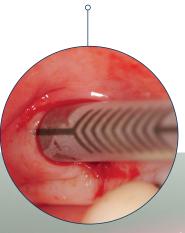
MICROSS

Making bone harvesting a handy procedure

MICROSS is a minimally invasive disposable device for manual cortical bone harvesting. With its special shape and just 5 mm in diameter, it can even be inserted into tissue tunnels in the intraoral area e.g., external oblique line, cortical palatine, and zygomatic process.

Tunnel harvesting technique

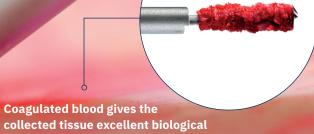
MICROSS is a bone harvesting device specifically studied for tunnel surgical techniques that minimize post-operation discomfort.



Unlock to



The exclusive microblade facilitates excellent cutting performance making the collection of autogenous bone shavings easy – even in narrow and hard to reach areas.



coagulated blood gives the collected tissue excellent biological plasticity. The curly morphology has a volumizing effect and therefore reduces the quantity needed to fill the defect and minimizes invasiveness.

Excellent synergy



Joint usage of META instruments and Geistlich biomaterials

Geistlich takes pride in the quality and safety of our products. Strict manufacturing processes and rigorous testing ensure that all Geistlich products exceed expectations and meet established regulatory requirements.





Geistlich Bio-Oss®

Stable scaffold for new bone.^{4-6,7} The slow resorption of Geistlich Bio-Oss® increases the stability of the augmentation material⁸ – the best prerequisite for long-term implant survival rates.⁹

Geistlich Bio-Gide®

Stabilizes the grafted area, protecting bone particles from dislocation. The natural collagen structure allows homogeneous vascularization and permits prompt and optimal tissue integration and wound stabilization. The combination of flexibility, good adhesion, and tear resistance contribute to easy handling, in turn saving time, and simplifying the surgical procedure. The contribute to easy handling, in turn saving time, and simplifying the surgical procedure.



META Product Range

RefNr.	Product	Description
Ref. 3987	SAFESCRAPER TWIST curve	3 disposable units, chamber capacity: 2.5 cc
Ref. 4049	MICROSS	1 disposable unit, chamber capacity: 0.25 cc
Ref. 5501	SAFESCRAPER TWIST curve VOLUMIZER	3 disposable units, chamber capacity: 2.5 cc

Geistlich

For more information, please visit: www.geistlich.us

Manufacturer

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Your Partner in a Strong Foundation

Assurance

Your assurance, our long-term evidence. Scientifically proven in over 1400 publications.

Proven Outcomes

Over 15 million successfully treated patients worldwide. 12

Trustworthy

Every 15 seconds a Geistlich product is used. 12

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 12 Data on file. Geistlich Pharma AG, Wolhusen, Switzerland