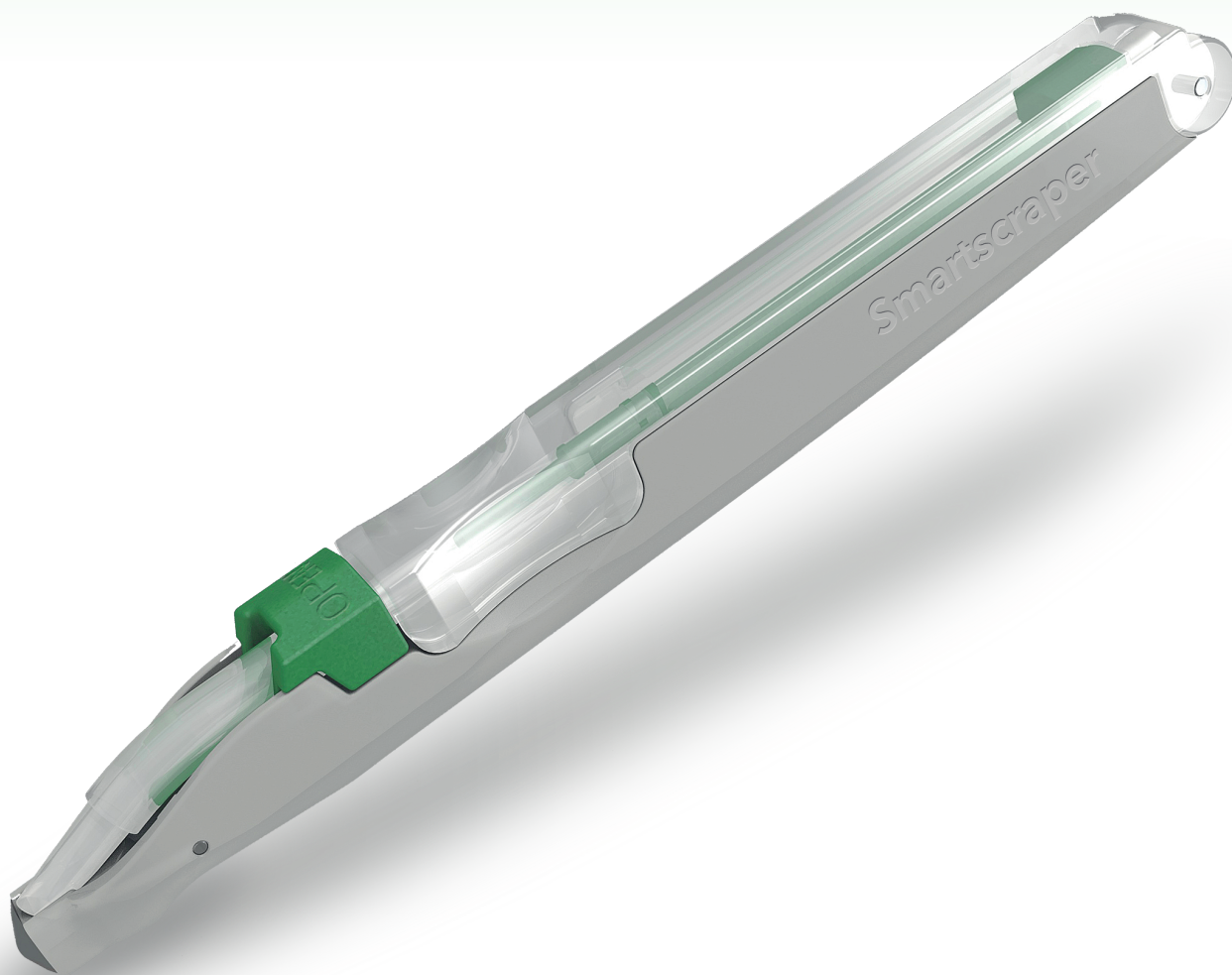


# SMARTSCRAPER



***All in One,  
from collection to graft***

**SMARTSCRAPER**, the new generation of instruments for intra-oral bone collection which enables the clinician to use a single instrument, with a blade for the bone collection and a syringe for immediate grafting of the collected particulate.



# SMARTSCRAPER



## Advantages of the SMARTSCRAPER

### Unique

The small size of the spout (3 mm) means that the syringe can be used to insert the bone particulate in the transcresal sinus lift and in defects where access is restricted.

### Versatile

One instrument contains the blade for harvesting the bone particulate and the syringe for positioning the particulate in the defect.

### Rapid

The double use of the instrument reduces surgical times and the management of various instruments used in the traditional techniques.

### Minimally invasive

The manual collection method is not traumatic and is well tolerated by the patient.

### Flexible

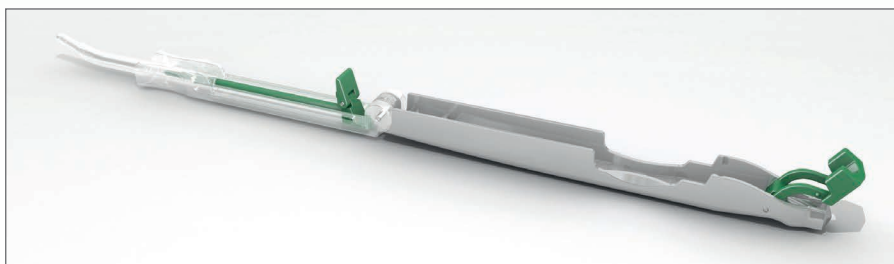
Enables collection of cortical bone in all intra-oral locations, including in proximity of the defect, for both large quantities and small collections.

### Economical

Enables intra-oral collection of the strictly necessary quantity while avoiding use of other substitutes up to 0.3 cc of bone.

### Ready to use

Single-use instrument in a single sterile pack. In a properly closed pack sterility is guaranteed for 3 years.



The instrument is opened with a simple movement; the syringe in which the bone particulate has been collected enables positioning of the graft in the less accessible areas and simplifying the surgical procedure.

The grip halfway along the instrument optimises the collecting action, even when repeated, in the posterior areas, rapidly and without discomfort for the patient.

BONE AUGMENTATION TREATMENT	OPERATION RECIPIENT SITE FEATURES	VOLUME OF GRAFT
Post-extraction alveolar defect	4-wall or self-contained defect Premolar root	0,25-0,3 cc
Transcresal lift, for the implant site	INDIRECT lift of the membrane	0,3 cc
Transcresal lift, for the implant site	DIRECT lift of the membrane (detachment with "Endosinus" type instruments)	0,4 cc
Peri-implant dehiscence, 1 implant	Presence of mesial and distal dental elements Exposure of max 5 turns and/or max 1/3 of the implant diameter	0,4 cc
Peri-implant dehiscence, 2 contiguous implants	Presence of mesial and distal dental elements Exposure of max 5 turns and/or max 1/3 of the implant diameter	0,7-0,8 cc
Peri-implant dehiscence, 3 contiguous implants	Presence of mesial and distal dental elements Exposure of max 5 turns and/or max 1/3 of the implant diameter	1,0-1,2 cc
Severe peri-implant dehiscence, i.e. horizontal atrophy, 1 implant involved	Absence of distal dental elements Exposure of > 5 turns and/or > 1/3 of the implant diameter	1,0 cc

Ref. 4890 SMARTSCRAPER 3 disposable units, sterile packaging



Art and Innovation in Medical Technology

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