stryker

ENT navigation system

Product catalog

Your superior experience starts with our people

People

Our people stand out. They're dedicated, highly skilled experts that care deeply and listen carefully. When you need a partner in improving care, we're by your side.

Culture

We created a dynamic, supportive environment that enables amazing people to do amazing things. Count on us to do what is right and deliver—every time.

Product innovation

Innovation is in our DNA—from Dr. Homer Stryker to the researchers, engineers and surgeons creating solutions that are reshaping navigated surgery today.

Medical education

Innovation and skill come together in our educational outreach to providers. Each year, we help surgical teams nationwide master the latest medical technologies and care practices.

Research and development

We amplify our investments in R&D by listening to our customers and collaborating with them to create solutions that are simply superior.

Outcomes

We share your values and your commitment to innovative care that heals effectively and efficiently. With you, we're driven to make healthcare better.

Most trainees (89%) believed that the virtual 3D planning software significantly improved their understanding of the spatial orientation of the frontal sinus drainage pathway[1]

1 Agbetoba A, Luong A, Siow JK, et al. Educational utility of advanced three-dimensional virtual imaging in evaluating the anatomical configuration of the frontal recess. Int Forum Allergy Rhinol. 2016;XX:1-6

TGS® – Target Guided Surgery

The next step in image guided surgery

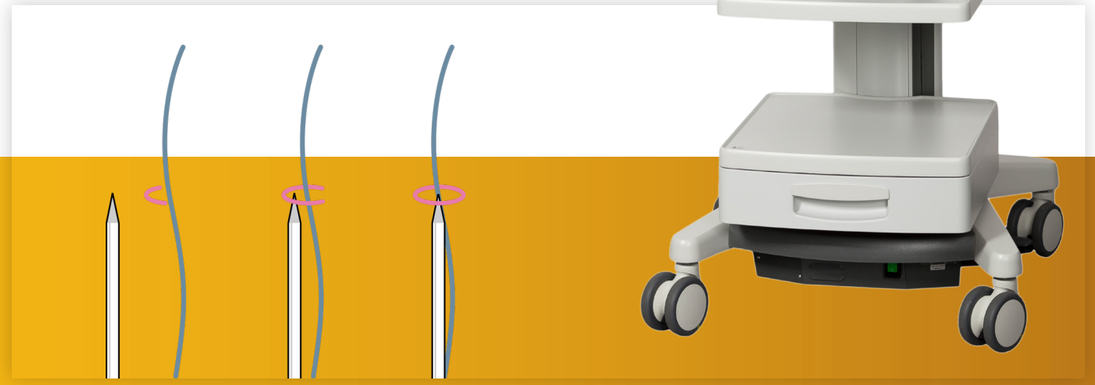
Scopis TGS is a next-generation solution for navigated Functional Endoscopic Sinus Surgery (FESS) that offers surgeons highly advanced image guidance and visualization capabilities in a single system.

TGS is based on Building Blocks planning software, developed with Professor Peter J. Wormald (Adelaide, Australia) and a worldwide network of leading key opinion leaders in ENT. This solution allows the analysis and identification of sinus cells in the complex patient anatomy and planning of the natural drainage pathways through the sinus cavity.

During surgery, the planned pathways are overlaid in real-time onto the endoscopic image providing the surgeon with unique **Scopis Augmented Reality (AR) technology**. A special instrument guidance and notification system assists the surgeon to guide their endoscopic instruments on the pathways directly to the targets. Guidance of endoscopic instruments may help assist the surgeon to perform a more minimally invasive, accurate and selective surgery.

TGS allows the surgeon to:

- Analyze the 3D anatomy using Building Blocks
- Plan sinus drainage pathways and target anatomy
- View surgical plans overlaid onto the endoscopic image with Augmented Reality (AR)
- Guide navigated instruments along planned pathways to targets



Platform and platform accessories

8000-010-003

Electromagnetic Navigation unit

High-performance navigation PC with electromagnetic measuring technology

8000-010-004

Field generator

Measuring Range: 0.05m–0.5m

Cable length: 4.5m

8000-010-005

Field generator mounting arm

For flexible position of Field generator

8000-010-032

Power cord, U.S., 8 ft., green dot

Grey
10 A/250 V
UL
CSA approved

8000-030-010

Medical keyboard U.S./international

Wired
Number pad
USB

8000-030-020

Mouse, wired

USB
Three buttons
Scroll function

8000-030-021

Mouse, wireless

USB
Three buttons
Scroll function

Equipment Cart Pro kit

Includes

Equipment Cart Pro with shelves, drawer and isolating transformer with 1200 VA

Wired mouse

Keyboard

Monitor option

Equipment Cart Pro shown with 4K Display

Monitor options

8000-120-005
Equipment Cart Pro with 4K Display

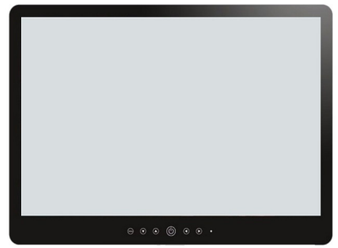
4K Display (32″ LCD)

8000-120-006
Equipment Cart Pro with VisionPro

VisionPro (26″ LED Display)

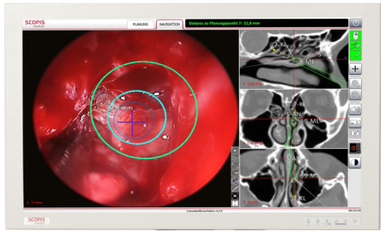
8000-120-007
Equipment Cart Pro with Monitor 27″

TFT (IPS), touch



8000-120-008
Equipment Cart Pro with Monitor 32″

TFT, touch

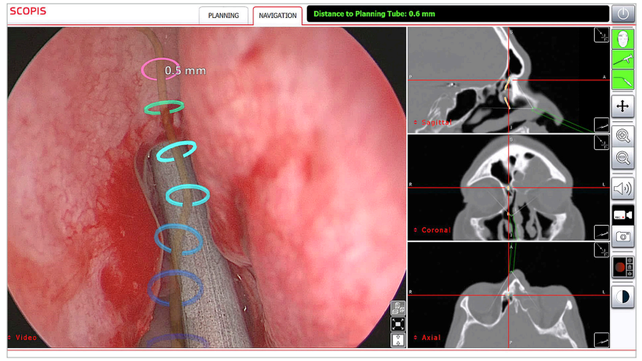


Software

8000-020-002

Scopis ENT Software with Target Guided Surgery

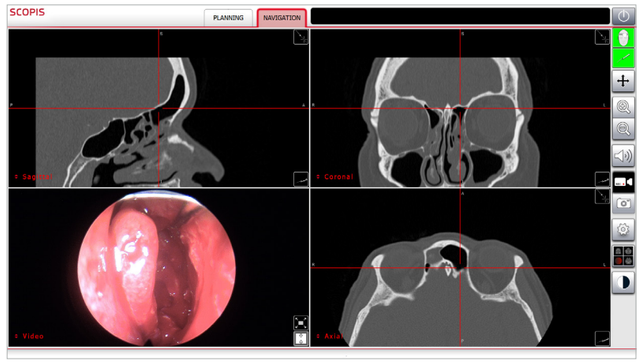
For planning and navigation in ENT applications with Scopis Building Blocks planning and Scopis TGS Target Guided Surgery



8000-020-001

Scopis ENT Software

For planning and navigation in ENT applications



Pointers and suction tubes

8000-050-001

Precision pointer Electromagnetic

1.5mm malleable

Limited to 10 time use

8000-050-003

Registration pointer Electromagnetic

2.5mm

8000-050-005

Suction tube Frazier Electromagnetic

3mm malleable

Limited to 10 time use

8000-050-006

Suction tube Eicken Electromagnetic

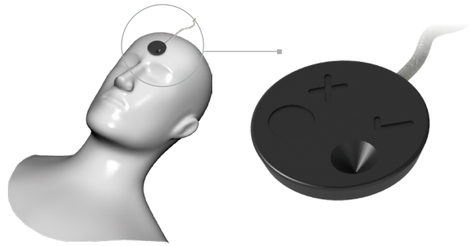
3mm malleable

Limited to 10 time use

8000-040-002

Patient tracker Electromagnetic mini – maximum 10 uses

Limited to 10 time use



8000-050-011

Navigation tool extension cable

Extension cable for navigation tools

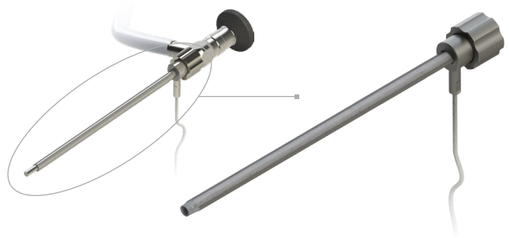
8000-060-001

Endoscope tracker Electromagnetic

Navigation of compatible 0°, 30° and 45° endoscopes with 4mm diameter and 175mm length

Limited to 10 time use

Note: endoscope not included

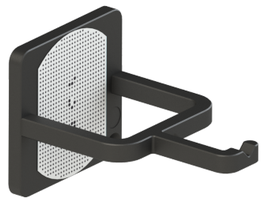


8000-060-002

Calibration body Electromagnetic

Calibration of compatible 0°, 30° and 45° endoscopes with 4mm diameter

Limited to 10 time use



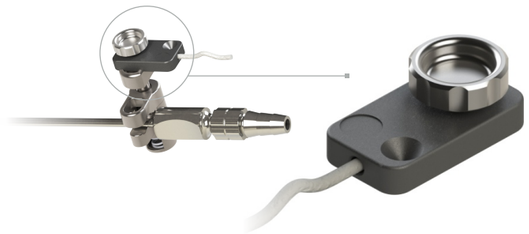
8000-060-006

Universal tracker Electromagnetic

Allows navigation of a variety of typical FESS instruments in combination with the instrument adapter system

Limited to 10 time use

Note: instrument not included



8000-060-010

Instrument clamp, forceps

Allows navigation when combined with the Universal tracker Electromagnetic

Note: forceps not included

8000-060-011

Instrument clamp, 2–6mm

Allows navigation when combined with the Universal tracker Electromagnetic

8000-060-012

Instrument clamp, 6–10mm

Allows navigation when combined with the Universal tracker Electromagnetic

8000-060-013

Instrument clamp, 10–16mm

Allows navigation when combined with the Universal tracker Electromagnetic

8000-060-030

Instrument clip Electromagnetic, 4mm

Allows navigation of other instruments

Limited to 10 time use

Note: microdebrider not included

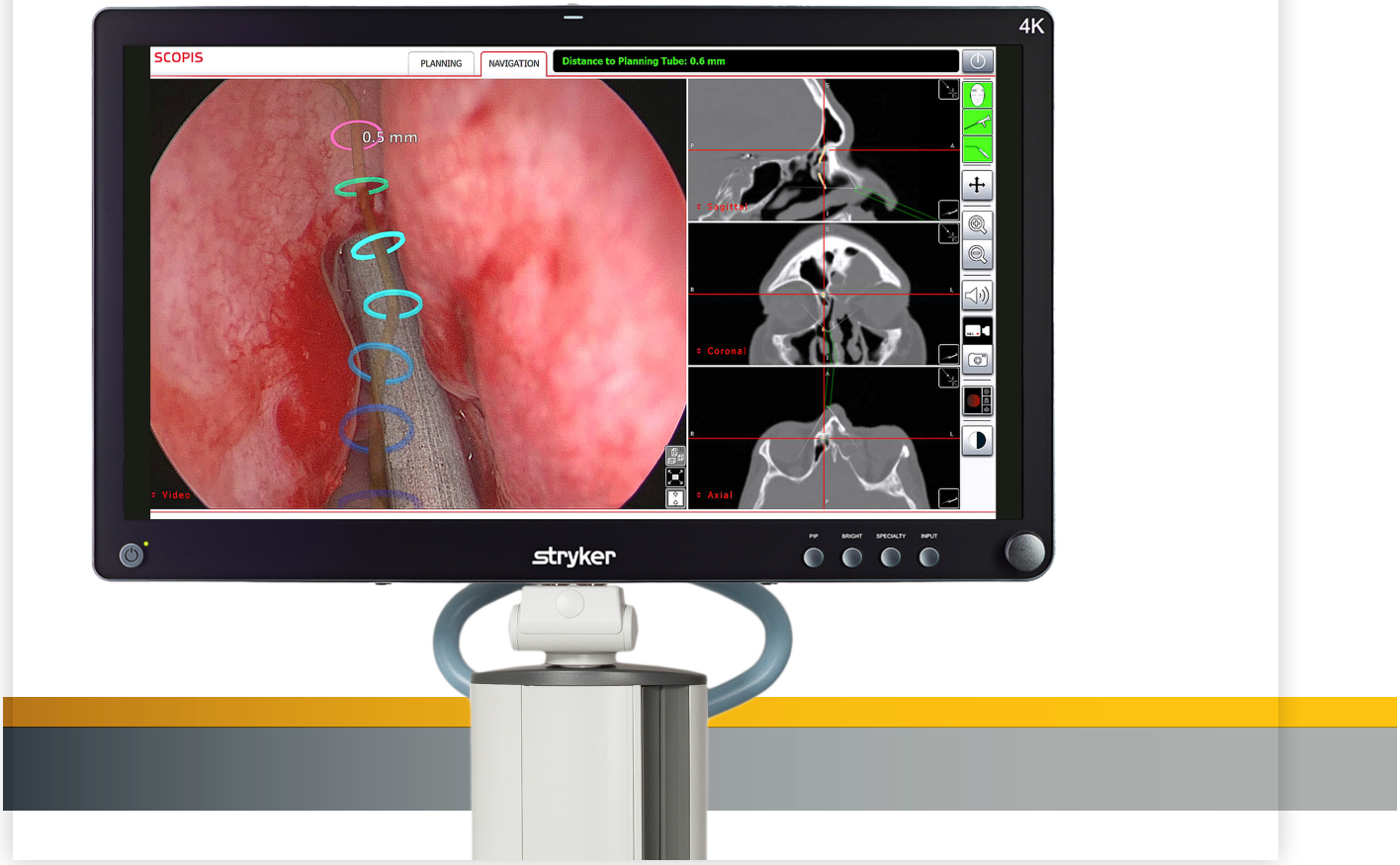
8000-100-001

Patient tracker tabs (PU 100)

Adhesive pads for fixation of Patient tracker Electromagnetic mini – maximum 10 uses

The future of **navigation**

Scopis Target Guided Surgery



Navigation

This document is intended solely for the use of healthcare professionals. A surgeon must always rely on his or her own professional clinical judgment when deciding whether to use a particular product when treating a particular patient. We do not dispense medical advice and recommend that surgeons be trained in the use of any particular product before using it in surgery.

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