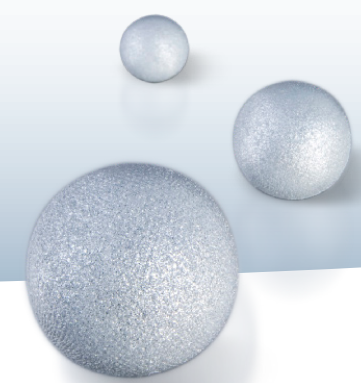
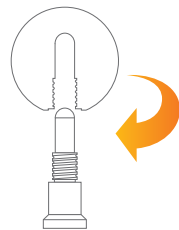


# Product Information


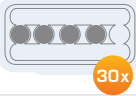
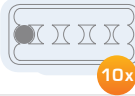
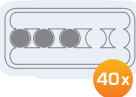
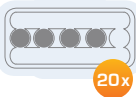



## ILUMARK Navigation Markers - Twist (compatible with BrainLAB® Navigation systems <sup>(1)</sup>)



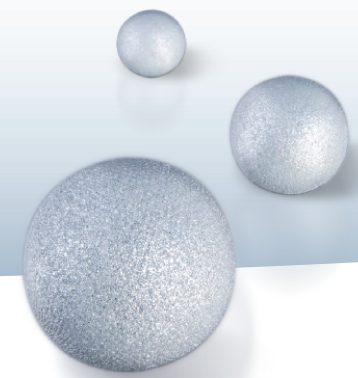
Navigation Markers - Twist with screw fixation (size M3) are fully compatible with BrainLAB® VectorVision<sup>®(1)</sup>, Kolibri<sup>TM(1)</sup>, Curve<sup>TM(1)</sup> and Kick<sup>TM(1)</sup> Navigation systems. Easy withdrawal of blisters through a convenient dispenser box, while maintaining an overview of the remaining packages. Double-sterile high-grade blisters with high quality Tyvec foil.

- Compatible with BrainLAB Navigation systems <sup>(1)</sup>
- Sterile, single-use

Article	Description	REF
<b>ILUMARK Navigation Markers - Twist (Set 160)</b> 	<ul style="list-style-type: none"> <li>• Bulk pack</li> <li>• High volume packaging unit</li> </ul>	2020-160
<b>ILUMARK Navigation Markers - Twist (Set 130)</b>  	<ul style="list-style-type: none"> <li>• Flexible packaging unit</li> </ul>	2020-130
<b>ILUMARK Navigation Markers - Twist (Set 120)</b> 	<ul style="list-style-type: none"> <li>• Universal packaging unit</li> </ul>	2020-120
<b>ILUMARK Navigation Markers - Twist (Set 100)</b>  	<ul style="list-style-type: none"> <li>• Flexible small packaging unit</li> </ul>	2020-100

<sup>(1)</sup> registered trademarks of BrainLAB AG

# Product Information




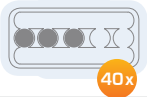
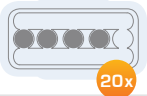



## ILUMARK Navigation Markers - Quick-Twist (compatible with BrainLAB® Navigation systems <sup>(1)</sup>)

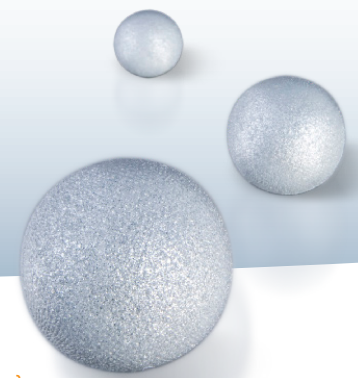


Navigation Markers - Quick-Twist with screw fixation [size M3] are fully compatible with BrainLAB® VectorVision<sup>®(1)</sup>, Kolibri<sup>TM(1)</sup>, Curve<sup>TM(1)</sup> and Kick<sup>TM(1)</sup> Navigation systems.

- Compatible with BrainLAB Navigation systems <sup>(1)</sup>
- Sterilized by Gamma
- Highest accuracy due to "Zero Gap" production technology
- Time-saving mounting through half amount of turns

Article	Description	REF
<b>ILUMARK Navigation Markers - Quick-Twist (Set 160)</b> 	<ul style="list-style-type: none"> <li>• Bulk pack</li> <li>• High volume packaging unit</li> </ul>	2021-160
<b>ILUMARK Navigation Markers - Quick-Twist (Set 130)</b>  	<ul style="list-style-type: none"> <li>• Flexible packaging unit</li> </ul>	2021-130
<b>ILUMARK Navigation Markers - Quick-Twist (Set 120)</b> 	<ul style="list-style-type: none"> <li>• Universal packaging unit</li> </ul>	2021-120
<b>ILUMARK Navigation Markers - Quick-Twist (Set 100)</b>  	<ul style="list-style-type: none"> <li>• Flexible small packaging unit</li> </ul>	2021-100

<sup>(1)</sup> registered trademarks of BrainLAB AG



## ILUMARK Navigation Markers – Snap, Easy-Fit (compatible with Medtronic<sup>®(2)</sup> and Aesculap<sup>®(3)</sup> Navigation systems)



Navigation Markers - Snap, Easy-Fit with clip fixation are fully compatible with Medtronic<sup>®</sup> Stealthstation<sup>(2)</sup> and Aesculap<sup>®</sup> Orthopilot<sup>(3)</sup>.  
 Easy withdrawal of blisters through a convenient dispenser box, while maintaining an overview of the remaining packages. Sterile high-grade blisters with high quality Tyvec foil.








- Compatible with Medtronic<sup>®(2)</sup> and Aesculap<sup>®(3)</sup> Navigation systems
- Sterile, single-use

<sup>(2)</sup> registered trademark of Medtronic Inc.

<sup>(3)</sup> registered trademark of Aesculap AG

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Article	Description	REF
<b>ILUMARK Navigationsmarker – Snap, Easy-Fit (Set 200)</b> 	• High volume packaging unit	2010-200
<b>ILUMARK Navigation Markers – Snap, Easy-Fit (Set 160)</b> 	• Bulk pack	2010-160
<b>ILUMARK Navigation Markers – Snap, Easy-Fit (Set 130)</b>  	• Flexible packaging unit	2010-130
<b>ILUMARK Navigation Markers – Snap, Easy-Fit (Set 120)</b> 	• Universal packaging unit	2010-120
<b>ILUMARK Navigation Markers – Snap, Easy-Fit (Set 100)</b>  	• Flexible small packaging unit	2010-100



# Product Information



## Navigated Biopsy Needle (compatible with Brainlab® navigation systems)



Item	Description	REF
BBC BL (Set)	Content per unit: <ul style="list-style-type: none"><li>• 1 biopsy needle incl. side cutting window and adapter for IGS visibility</li><li>• 1 locking screw</li><li>• 1 ruler with groove</li><li>• 1 aspiration tube with luer-lock</li></ul>	4111

Our Navigated Biopsy Needle has been specifically designed for use with Brainlab's® image guided surgery (IGS) systems. It can be applied in stereotactic biopsy procedures in combination with Brainlab's Vario Guide™<sup>(1)</sup>.

For maximum protection of the patient against infections or prion disease our Navigated Biopsy Needles are single-use instruments.

- Precise depth guide
- Precisely sharpened side cutting window for tissue sampling
- Visual and haptic control of biopsy window

Our Navigated Biopsy Needle sticks out by:

### Quality

Easy extraction of inner cannula only possible while side cutting window is closed - stutter free

### Security

The enclosed aspiration tube can be connected with luer-lock to the handle of the Navigated Biopsy Needle and a syringe. The aspiration tube is advantageous to aspirate the tissue without changing the position of the needle.

### Effectivity

A silicon ring in the handle builds up a leakproof vacuum and enables a simple and precise aspiration of the tissue

### Control

Colored and haptic marks at the handle give distinct information about open/close position of side cutting window

### Stability

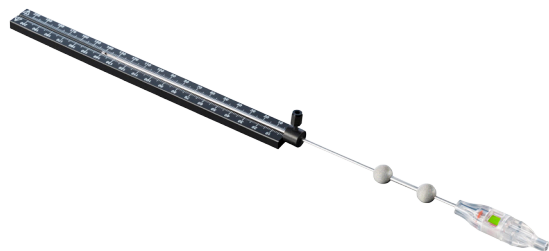
The diameter of the cannula is 2,1 mm and provides high stability and optimal volume for tissue sampling

<sup>(1)</sup> registered trademarks of BrainLAB AG

# Product Information



## Navigated Biopsy Needle (compatible with Medtronic® navigation systems)



Our Navigated Biopsy Needle has been specifically designed for use with Medtronic's® image guided surgery (IGS) systems. It can be applied in stereotactic biopsy procedures in combination with Navigus® trajectory guidance kit<sup>(1)</sup> or Vertek® articulated support arm kit<sup>(1)</sup>. For maximum protection of the patient against infections or prion disease our Navigated Biopsy Needles are single-use instruments.

- Precise depth guide
- Precisely sharpened side cutting window for tissue sampling
- Visual and haptic control of biopsy window

<sup>(1)</sup> registered trademark of Medtronic Inc.

Item	Description	REF
<b>BBC med (Set)</b>	Content per unit: <ul style="list-style-type: none"><li>• 1 biopsy needle incl. side cutting window and two Navigation Markers</li><li>• 1 locking screw</li><li>• 1 ruler with groove</li><li>• 1 aspiration tube with luer-lock</li></ul>	4112

Our Navigated Biopsy Needle sticks out by:

### Security

The enclosed aspiration tube can be connected with luer-lock to the handle of the Navigated Biopsy Needle and a syringe. The aspiration tube is advantageous to aspirate the tissue without changing the position of the needle.

### Quality

Our „Zero Gap“ Navigation Markers enable unlimited and precise visibility of the MT Navigated Biopsy Needle by the IGS-System

### Effectivity

A silicon ring in the handle builds up a leakproof vacuum and enables a simple and precise aspiration of the tissue

### Control

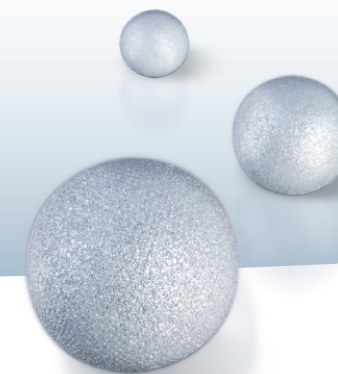
Colored and haptic marks at the handle give distinct information about open/close position of side cutting window

### Stability

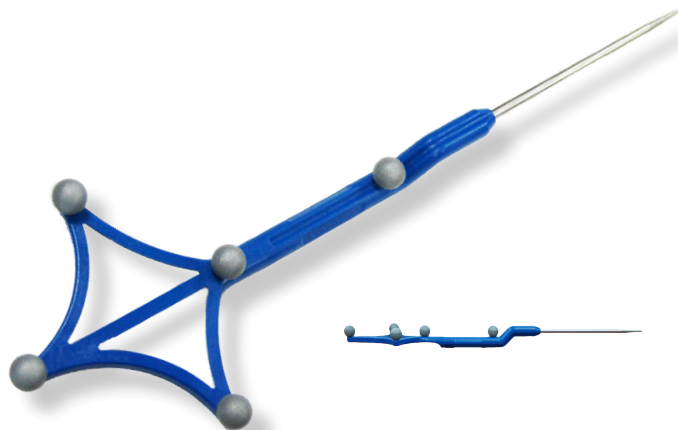
The diameter of the cannula is 2,1 mm and provides high stability and optimal volume for tissue sampling



# Product Information



## ILUMARK Disposable Blunt Probe (compatible with Medtronic \*StealthStation)



The Disposable Passive Blunt Probe is intended to be used for anatomic palpation and registration in image guided surgeries with the Medtronic StealthStation® System\*. This sterile device is designed for disposable single use and includes pre-mounted spheres to decrease placement error. Wear and tear caused by repeated sterilization and typical use can compromise the accuracy of similar products. However, the blunt probe's disposability feature ensures accurate results and a precise positioning every time.

### Advantages:

- Pre-mounted spheres save on pre-operation setup time and post-operation break down time
- Accuracy of a brand new instrument everytime
- Extended ergonomic handle
- Reduces sterilization costs

\*StealthStation® is a registered trademark of Medtronic, Inc., and its affiliated companies.

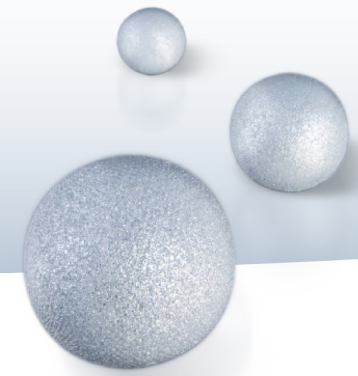
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Article	Description	REF
Disposable Passive Blunt Probe	• High Accuracy Probe incl. 5 Marker	MP1000
Disposable Passive Blunt Probe	• High Accuracy Probe incl. 5 Marker • Additional 4 Markers for other instruments	MP1004
Disposable Passive Blunt Probe	• High Accuracy Probe incl. 5 Marker • Additional 5 Markers for other instruments	MP1005
Disposable Passive Blunt Probe	• High Accuracy Probe incl. 10 Marker • Additional 10 Markers for other instruments	MP1010



# Product Information



## ILUMARK Disposable Dynamic Reference Frame (compatible with Medtronic\*StealthStation and S7)



The Disposable Dynamic Reference Frame is intended to be used for patient referencing in image guided surgeries with the Medtronic StealthStation® System and S7\*. This sterile device is designed for disposable single use and includes pre-mounted spheres to decrease placement error. Wear and tear becomes a thing of the past caused by repeated sterilization. Typical use can compromise the accuracy of similar products. However, the DRF's disposability feature ensures accurate results and a precise positioning every time.

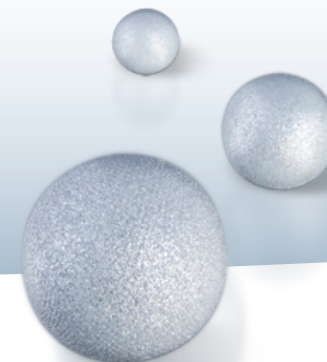
Article	Description	REF
Disposable Dynamic Reference Frame	• High Accuracy DRF incl. 4 pre-mounted Markers	MP2000

### Advantages:

- Pre-mounted spheres save on pre-operation setup time and post-operation break down time
- Accuracy of a brand new instrument everytime
- Light weight
- Reduces sterilization costs

\*StealthStation® is a registered trademark of Medtronic, Inc., and its affiliated companies.

# Product Information



## Navigated Pedicle Access Kit (DPA-PAK) (compatible with Medtronic® navigation systems)



Item	Description	REF
DPA-PAK (Set)	Content per unit: <ul style="list-style-type: none"><li>• 1 Pedicle access needle with handle and Navigation array incl. 4 Navigation Markers</li><li>• 2 cannula (ID 2.1 mm, length 208 mm)</li><li>• 1 removable handle</li></ul>	MP6001

Our Navigated Pedicle Access Kit has been specifically designed for use with Medtronic's® image guided surgery (IGS) systems. It allows accurate placement of pedicle screws.

For maximum protection of the patient against infections or prion disease our Navigated Pedicle Access Kit are single-use instruments.

- Precise alignment of pedicle access
- Intuitive and swift locking of cannula
- Extra long, rigid cannula
- Ergonomic, lightweight handle

Our Navigated Pedicle Access Kit sticks out by:

### Security

All components of the navigated pedicle access kit exceed highest quality standards. The stainless steel cannula is rigidly connected to a stainless steel Luer-lock connector. Impact force is directed straight into the high precision facet cut tip of the needle. With an easy rotation movement the needle can be removed from the cannula, immediately after unlocking.

### Quality

Our „Zero Gap“ Navigation Markers enable unlimited and precise visibility of the Navigated Pedicle Access Kit by the IGS-System.

### Range of application

The extended cannula length (160mm) allows the use of the navigated pedicle access kit even with adiposity patients.

### Control

Cannula locking is ergonomically designed. There is a visual and haptic lock/ unlock control.

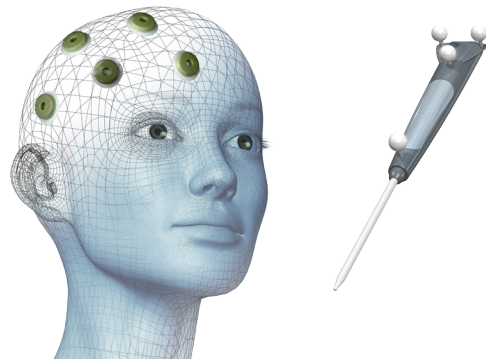
<sup>(1)</sup> registered trademark of Medtronic Inc.



# Product Information




## Multi-Modality Fiducial Markers for patient registration under CT and MR



Multi-Modality Fiducial Markers are self-adhesive skin markers which appear on CT and MR diagnostic imaging scans. The markers are used in image-guided surgery procedures as reference points during patient registration (alignment of 3D patient data with patient anatomy).

- for CT and MR
- soft material for patient comfort
- Center hole for patient marking

Item	Description	REF
<b>Multi-Modality Fiducial Markers (60 pcs.)</b>	• 60 Marker per box	MM3002-60
		

Our Multi-Modality Fiducial Markers stick out by:

### All-purpose

The markers appear clearly on CT and MR diagnostic imaging scans

### Adhesion

Best adhesion on skin - even with over-night patients

### Functionality

2 mm center hole enables patient marking

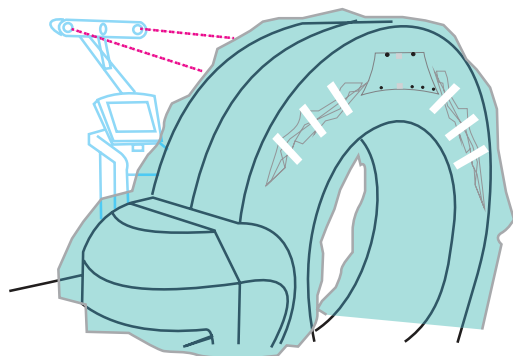
### Patient comfort

Soft hydrogel allows high patient comfort, even over-night

# Product Information



## O-Arm Drape [compatible with Medtronic® O-Arm <sup>(1)</sup>]



Our O-Arm drapes are sterile protective covers which are 100% compatible with the Medtronic O-Arm<sup>(1)</sup>. They provide full sterility for the patient and are highly convenient due to the practical design.

- Robust foil provides highest stability
- Perfect fit due to 6 adhesive stripes per side
- Developed in collaboration with OR-personnel

<sup>(1)</sup> registered trademark of Medtronic Inc

Item	Description	Item no.
O-Arm drape steril (Set 10)	• 10 drapes per Set	10-2135

Our O-Arm Drapes stand out through the following characteristics:

### Highest stability

Robust foil provides highest stability and tear strength to the O-Arm drape

### Perfect fit

6 adhesive stripes on each side give the drape a perfect fit on the Medtronic O-Arm<sup>(1)</sup> and allow impeccable communication with the IGS system

### Combined Know-How

To develop this O-Arm drape Premier Guard, a well-known producer of high quality sterile drapes, was working with experienced OR-personnel

### User friendliness

Easy installation of drape due to sticker and perforation

### Shelf life

5 year guarantee on sterility of product