

V-MARK™ BREAST BIOPSY AREA MARKER

V • Mark is used to mark the tissue during percutaneous breast biopsy procedures

- ✓ easy handling
- ✓ titanium hook
- ✓ bioabsorbable marker is visible under ultrasound and MRT for six weeks
- ✓ low weight and ergonomic design

V-Mark can be used with the following systems:

- ✓ Mammotome®
- ✓ Suros ATEC®-System
- ✓ Sharp Tip Needle

ordering information

box	10 pcs
-----	--------

product code

Mammotome®	07766411150T
Suros ATEC® 9G	07766709120T
Suros ATEC® 12G	07766712120T
Sharp Tip Needle	07766914100SST



V • MARK™

NEW
PRODUCT



V-Mark™ area marker (1) with titanium hook (2)

ALM SET R RESPOSITIONABLE BREAST LOCALIZATION NEEDLE

- ✓ for hardly palpable breast lesions
- ✓ can be retracted and repositioned as often as necessary until lesion is reached
- ✓ nitinol wire with repositionable single (homer) type hook
- ✓ elastic memory wire can be repositioned several times without losing its effectiveness
- ✓ transparent funnel allows the easy introduction of the wire
- ✓ wire with two markings: the first indicates the distance between the wire and the needle tip, the second indicates when the wire is completely out of the needle
- ✓ suitable for injections of colored substances as well as aspiration of liquids

Screw connector

- ✓ allows a connection of an ergonomic handle during the wire introduction
- ✓ fixes the wire after repositioning and removing of the needle

Accessories

- ✓ a stabilizer protects the wire during the surgical procedure



ALM SET R



ALM Set R technical data

length	3-12 cm
diameter	20 G
box	10 pcs

dimensions

20 G x 3 cm
20 G x 5 cm
20 G x 7,5 cm
20 G x 10 cm

product code

07ALMR2003
07ALMR2005
07ALMR20075
07ALMR2010 G cm

ALM R cannula with screw connector and ergonomic handle

HOMER MAMMALOK™ GOLD BREAST LOCALIZATION CANNULA

- ✓ increased breaking resistance
- ✓ strong and flexible J-curve bent gold wire
- ✓ the wire may be retracted and repositioned as often as necessary until breast lesion is reached
- ✓ stabilizer ensures stable anchoring of the system
- ✓ unique wire made of gold alloy reduces the risk of accidentally transection
- ✓ the system serves doctor as a palpable guide and gives a choice of paths to the lesion
- ✓ centimeter markings offers more control of the penetration depth

dimensions	
length	30–125 mm
diameter	20 G
box	10 pcs

product code
07231030G
07231050G
07231075G
07231100G
07231125G

mm



HOMER MAMMALOK™ GOLD

NEW
PRODUCT



Repositionable breast localization cannula

GALACTOGRAPHY SET

The Galactography kit has been designed for a fast procedure execution.

SET 07GK25 consists of:

- ✓ 6 dilators with a color code hub and blunt tip that allow a non-traumatic and progressive dilatation of the galactophorous ducts
- ✓ 1 curved needle (25G) with blunt tip and luer hub
- ✓ 1 syringe (1CC)

SET 07GK30 consists of:

- ✓ 2 dilators with a color code hub and blunt tip that allow a non-traumatic and progressive dilatation of the galactophorous ducts
- ✓ 1 curved needle (30G) with blunt tip and luer hub.
- ✓ 1 syringe
- ✓ 1 connection tube

technical data

box	10 pcs
-----	--------

discription

product code

curved needle 25G	07GK25
curved needle 27G	07GK30



GALACTOGRAPHY SET



GALACTOGRAPHY SET

MIROFIX® INJECT VERTEBROPLASTY BONE CEMENT

- F designed by the experts for biomaterials
- F optimized viscosity for the vertebroplasty
- F short mixing and waiting phases
- F homogenous cement, even if it is mixed by hand
- F ideal viscosity provides a unique combination of dosage and processing qualities
- F stabilizes the vertebra persistent and reduces the risk of new fractures
- F reduces pain instantly without the risk of a necrosis caused by a too high hardening temperature
- F a winning combination: With MiroFix® Inject Vertebroplasty Bone Cement, MiroCan® »2 in1« Vertebroplasty Cannula and the Miro-Ject® Cement Application System the clinician disposes of a concerted System for the achievement of best results in vertebroplasty
- F all parameter are over the ISO-standard
- F 50% Zirconium dioxide for high X-ray control
- F safe due to a minimized amount of N,N-Dimethyl-p-Tolnidin (DmpT) as the initiator
- F compression firmness: 122hPA =1220 bar
- F made in germany

Article number

07010310

Packing contents

Polymer	24g
Monomer	20 ml
Unit	1 piece



MIROFIX® INJECT

NEW
PRODUCT



MiroFix Inject® Vertebroplasty bone cement

MiroJect® Gun Vertebroplasty-Pistol with Accessories

- ☐ reusable
- ☐ complete system
- ☐ easy to handle
- ☐ exact dosage
- ☐ „Quick-Release“ for instant pressure release
- ☐ massive light alloy
- ☐ made in Germany

Syringe and Plunger ^{a, b}

- ☐ single sterile packaging (single use only)

Mixer ^{a, b}

- ☐ homogeneous mixture results
- ☐ no smelling nuisance
- ☐ single sterile packaging (single use only)

Pressure Line

- ☐ single sterile packaging (single use only)

Complete Set ^{a, b}

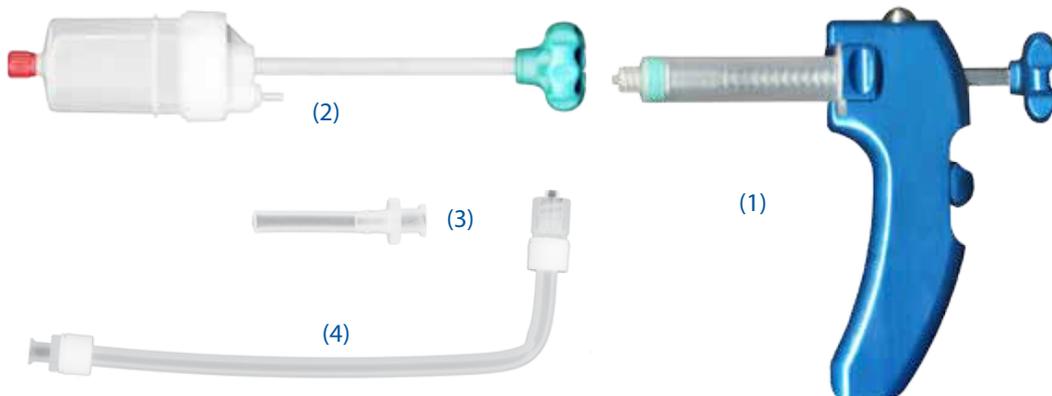
All accessories in one sterile set consisting of:

- ☐ syringe and plunger
- ☐ mixer
- ☐ pressure line

a PMMA-dissolving resistant
b latex- and DEHP-free



MiroJect® Gun Pistol



MiroJect® Gun Vertebroplasty-Pistol with Accessories (1), Mixer (2), Plunger (3) and Pressure Line (4)

MiroJect® Gun
Article number 07458001
Unit 1 piece

Syringe and Plunger
Article number 07458002
Unit 1 piece

Mixer
Article number 07458004
Unit 1 piece

Pressure Line
Article number 07458010
Unit 1 piece

Complete Set
Article number 07458006
Unit 1 set

! # \$ % & ' () * + , - . / : ; < = > ? @ [\] ^ _ ` { | } ~ ¡ ¢ £ ¤ ¥ ¦ § ¨ © ª « ¬ ® ¯ ° ± ² ³ ´ µ ¶ · ¸ ¹ º » ¼ ½ ¾ ¿ À Á Â Ã Ä Å Æ Ç È É Ê Ë Ì Í Î Ï Ñ Ò Ó Ô Õ Ö × Ø Ù Ú Û Ü Ý Þ ß à á â ã ä å æ ç è é ê ë ì í î ï ð ñ ò ó ô õ ö ø ù ú û ü ý þ ÿ

PRESSURE LINE

- ✓ pressure proof up to 35 bar (=500 psi)
- ✓ male/female Luer lock
- ✓ color coded

dimensions	
length ¹	15-200 cm
diameter	1,65 x 3,2 mm
box	50 pcs

product code	
transparent	07MM04152
red	07MM04153
blue	07MM04154
yellow	07MM04155

cm

PRESSURE LINE

similar to product above, but additionally with

- ✓ male/female Luer lock

dimensions	
length ¹	15-200 cm
diameter	1,65 x 3,2 mm
box	50 pcs

product code	
transparent	07MM40152M
red	07MM40153M
blue	07MM40154M
yellow	07MM40155M

cm

LINE FOR CONTRAST MEDIA (YELLOW)

- ✓ male/female Luer lock
- ✓ flexible
- ✓ other lengths available upon request

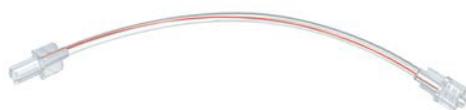
dimensions	
length ¹	150 cm
diameter	3,0 x 4,1 mm
box	50 pcs

product code	
	07MM01G

1 with lengths of 30 cm, 50 cm, 100 cm, 120 cm, 150 cm, 180 cm and 200 cm. Other lengths are available upon request.



PRESSURE LINES



color coded pressure line



line for contrast med

! # \$ % & ' () * + , - . / : ; < = > ? @ [\] ^ _ ` { | } ~ ¡ ¢ £ ¤ ¥ ¦ § ¨ © ª « ¬ ® ¯ ° ± ² ³ ´ µ ¶ · ¸ ¹ º » ¼ ½ ¾ ¿ À Á Â Ã Ä Å Æ Ç È É Ê Ë Ì Í Î Ï Ñ Ò Ó Ô Õ Ö × Ø Ù Ú Û Ü Ý Þ ß à á â ã

MTS HIGH PRESSURE LINE

- ✓ pressure proof up to 85 bar (=1200 psi)
- ✓ male/female Luer Lock
- ✓ super-transparent
- ✓ strengthened

dimensions	
length	50-180 cm
diameter	1,85 x 4,75 mm
box	50 pcs

product code
07MM7050
07MM7075
07MM7100
07MM7120
07MM7180
cm

MTS HIGH PRESSURE LINE

see above

- ✓ in addition with rotatable male Luer lock connector

dimensions	
length	50-180 cm
diameter	1,85 x 4,75 mm
box	50 pcs

product code
07MM7050R
07MM7075R
07MM7100R
07MM7120R
07MM7180R
cm

MSPUR PURE HIGH PRESSURE LINE

- ✓ pressure proof up to 85 bar
- ✓ flexible
- ✓ male/female Luer Lock
- ✓ fiber reinforcement
- ✓ PVC-free

dimensions	
length	50-180 cm
diameter	1,85 x 3,6 mm
box	50 pcs

product code
07MM6050
07MM6075
07MM6100
07MM6120
07MM6180
cm

MSPUR PURE HIGH PRESSURE LINE

see above

- ✓ in addition with rotatable male Luer lock connector

dimensions	
length	50-180 cm
diameter	1,85 x 3,6 mm
box	50 pcs.

product code
07MM6050R
07MM6075R
07MM6100R
07MM6120R
07MM6180R
cm



HIGH PRESSURE LINES



MTS high pressure PVC line



MSPUR pure high pressure line (with rotatable male luer lock connector)