



Apart Standard Set

Size	Order no.
3,00 (11 G) x 100 mm	180 795
3,00 (11 G) x 125 mm	180 800
3,00 (11 G) x 150 mm	180 805
2,50 (12,5 G) x 125 mm	180 810
2,00 (14 G) x 125 mm	180 812



Dual Set

Size	Order no.
3,00 (11 G) x 100 mm	180 780
3,00 (11 G) x 125 mm	180 785
3,00 (11 G) x 150 mm	180 790



Apart Complete Set

Size	Order no.
3,00 (11 G) x 100 mm	180 755
3,00 (11 G) x 125 mm	180 756
3,00 (11 G) x 150 mm	180 757
2,50 (12,5 G) x 125 mm	180 758



Dual Complete Set

Size	Order no.
3,00 (11 G) x 100 mm	180 765
3,00 (11 G) x 125 mm	180 766
3,00 (11 G) x 150 mm	180 767
2,50 (12,5 G) x 125 mm	180 768



CIS® – Cement Injection System

Order no. 180 710
4,5 ml volume



SIS – Small Injection System

Order no. 180 704
3,0 ml volume



SOMIX®

Order no. 180 715
bis 40 ml volume



Bone cement

Order no. 180 700
24g volume



Vertebroplasty cannula

Size	Order no.
3,00 (11G) x 100 mm	180 740
3,00 (11 G) x 125 mm	180 745
3,00 (11 G) x 150 mm	180 750
2,50 (12,5 G) x 125 mm	180 735
2,00 (14 G) x 125 mm	180 730



SPI-CUT - Biopsy cannula

Size	Order no.
2,00 (14 G) x 150 mm	180 840
2,00 (14 G) x 200 mm	180 845



Vertebroplasty hammer

Order no. 180 705
225g weight

SOMATEX®

MEDICAL TECHNOLOGIES GMBH

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SOMATEX®

MEDICAL TECHNOLOGIES GMBH

Vertebroplasty

Treatment of vertebral compression fractures

SAFETY TO THE MAX

CIS® – Cement Injection System

The simple lightweight with precision technology

Cement application without compromise: direct cement aspiration, flexible connection to cannula, precision pressure application with lowest possible exposure to radiation for the user.

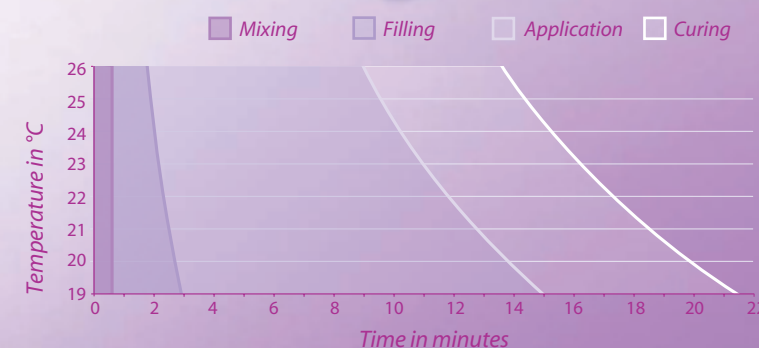
The right connection: you want to observe what is happening. And that is essential: markings for volume control and a view of the cement are necessary.

The wise head: a Luer Lock coupling guarantees a secure connection combined with complete freedom of movement.

Getting a handle on safety:

The challenge facing the new generation of medical instruments can be summed up as follows: Easy to handle, controlled application and the maximum during use are the main features of SOMATEX® products. SOMATEX® offers a wide range of products for percutaneous vertebroplasty. The perfectly matched components from the application system to the cement are combined to form a safe instrument for both physician and patient.

The ergonomically shaped handles can be rotated in opposite directions. They are light and easy to hold securely. Resistance or changes are always under your control.



Overview of advantages:

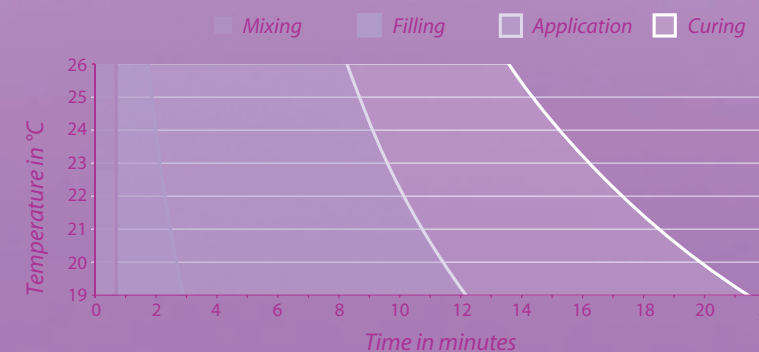
- ▶ Ergonomical rotating handle makes injection of bone cement easy.
- ▶ Flexible pressure tube allows application from any position.
- ▶ Continuous monitoring during cement application by fine control.
- ▶ Reduced risk of leakage by natural pressure limitation.
- ▶ Longer pressure tube allows safe distance from radiation source.

The economical and handy alternative for cement application: SIS can be used single-handedly. Because of its material resistance to the bone cement SIS offers significantly extended application time.

SIS is a future component of all SOMATEX® standard sets, and is also available separately.

SIS – Small Injection System

The small one-handed system



Overview of advantages:

- ▶ Ergonomical design and self-explanatory handling.
- ▶ Operation with only one hand.
- ▶ Significantly longer application times compared to conventional polycarbonate syringe.
- ▶ Reduced risk of leakage by direct and perceptible force transfer.
- ▶ Standard Luer connection for all standard vertebroplasty components.

The vertebroplasty cannula

Simplifies complex procedures

Overview of advantages

- ▶ Maximum stability (wall thickness 0.375 mm)
- ▶ Excellent smooth edge
- ▶ Supplementary guide to penetration depth with engraved cm markings with 5 and 10 marks
- ▶ Low resistance during cement application with smooth internal cannula wall
- ▶ Excellent guiding properties with electropolished cannula surface
- ▶ The notch at the mandrin head enables the position of the cannula point to be located.
- ▶ Luer Lock connection for standard syringes.
- ▶ The solid metal attachment of cannula and mandrin withstands the impact of a surgical hammer.
- ▶ Cement is visible in the cannula.
- ▶ Wide range of lengths and diameters

SOMATEX® offers different sets depending on the preferred use. All sets include the specially designed cannula for vertebroplasty.

Needle holder

puncture safely without radiation

Overview of advantages

- ▶ Reduced radiation exposure with the safe distance
- ▶ An anaesthetic cannula can be locked with or without syringe
- ▶ No interference from x-ray shadows
- ▶ Assistance with removal of mandrin after cannula is correctly positioned
- ▶ Can be used for easy removal of cannula after application of cement

The exposure to radiation during vertebroplasty is very high particularly for the physician. The Somatex® needle holder makes it easy to select the position and puncture angle. The cannula can be guided directly to the spine safely and continuously under visual control without exposing the physician's hands to the high radiation.

Needle removal after cement application

Mandrin removal after correct positioning