

## Puncture Needles and Sets

### Quality – Made in Germany

As a specialist in products for Assisted Reproduction Technology Labotect strives to offer best quality products.

All Puncture Sets and Needles undergo rigorous testing and validation right from the start when they are designed including biocompatibility testing conforming to ISO 10993.



We do our most to ensure that only the best quality reaches you. Therefore, each batch is Mouse Embryo Assay (MEA) and Endotoxin Assay (LAL) tested and we guarantee sterility conforming to EN 550.

All sets and needles conform to the highest regulatory standards, having achieved 510(k) approval from the FDA and are Class IIa listed according to the EU Medical Device Classification.

That is why we say:

*Unique masterpieces to suit your needs*

On the following pages, we have listed our most common ordered Puncture Sets and Needles for quick reference.

If you are in need for sets or needles with different specifications, please use the attached component selector sheet to select your own, customized product from our standard components.

If neither the list nor the selector presents a set or needle that suits your purpose or wishes, please contact us. Our Sales and Design Departments will do their best to help you out.

Specifications subject to change without notice

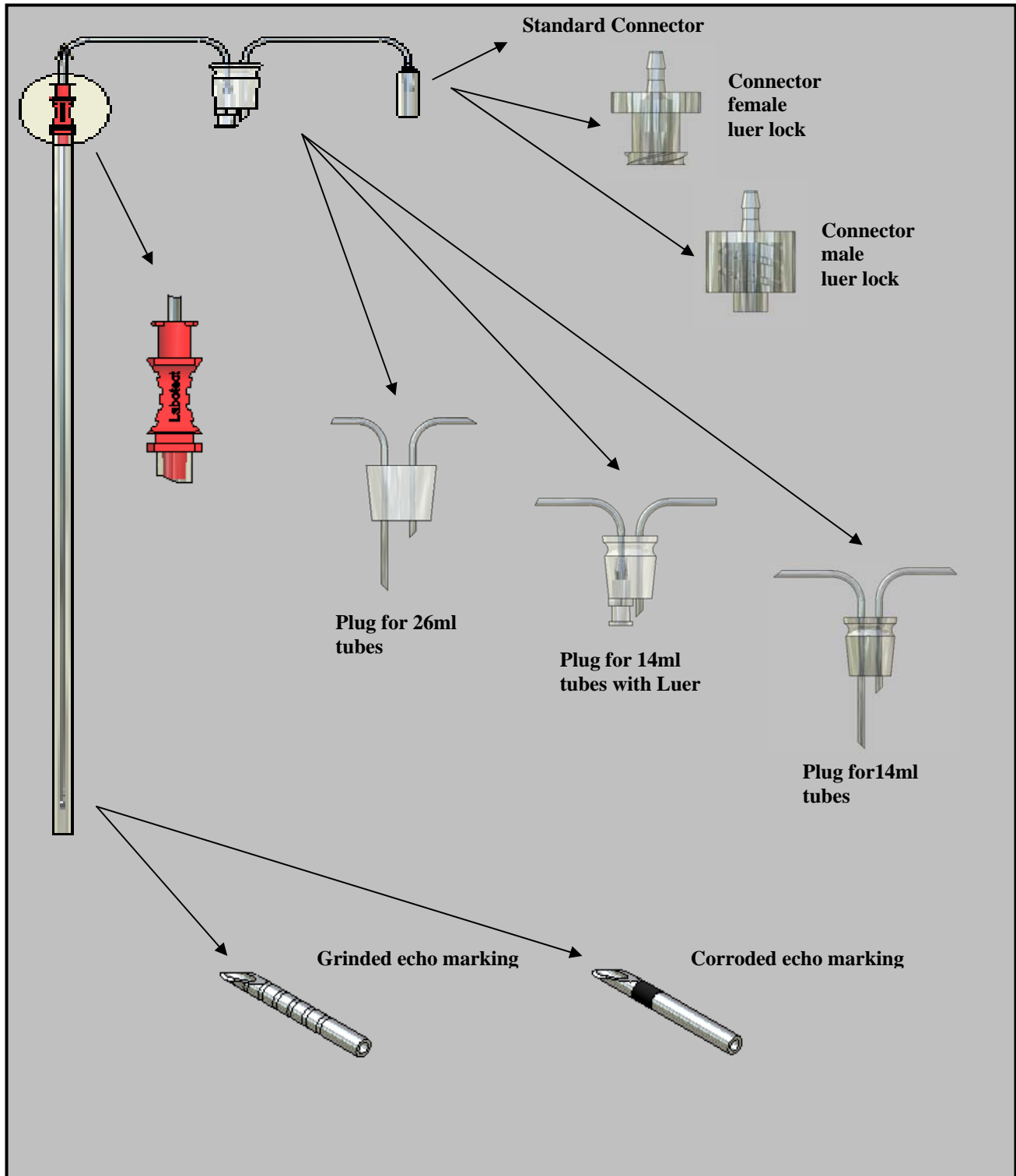


certified company

CE 0123

Rev. ÄM27\_06/2005

## Single Lumen Sets / Aspiration



## Standard Single Lumen Puncture Sets

### Aspiration - Single Use -

Puncture Sets with **corroded** echo marking:

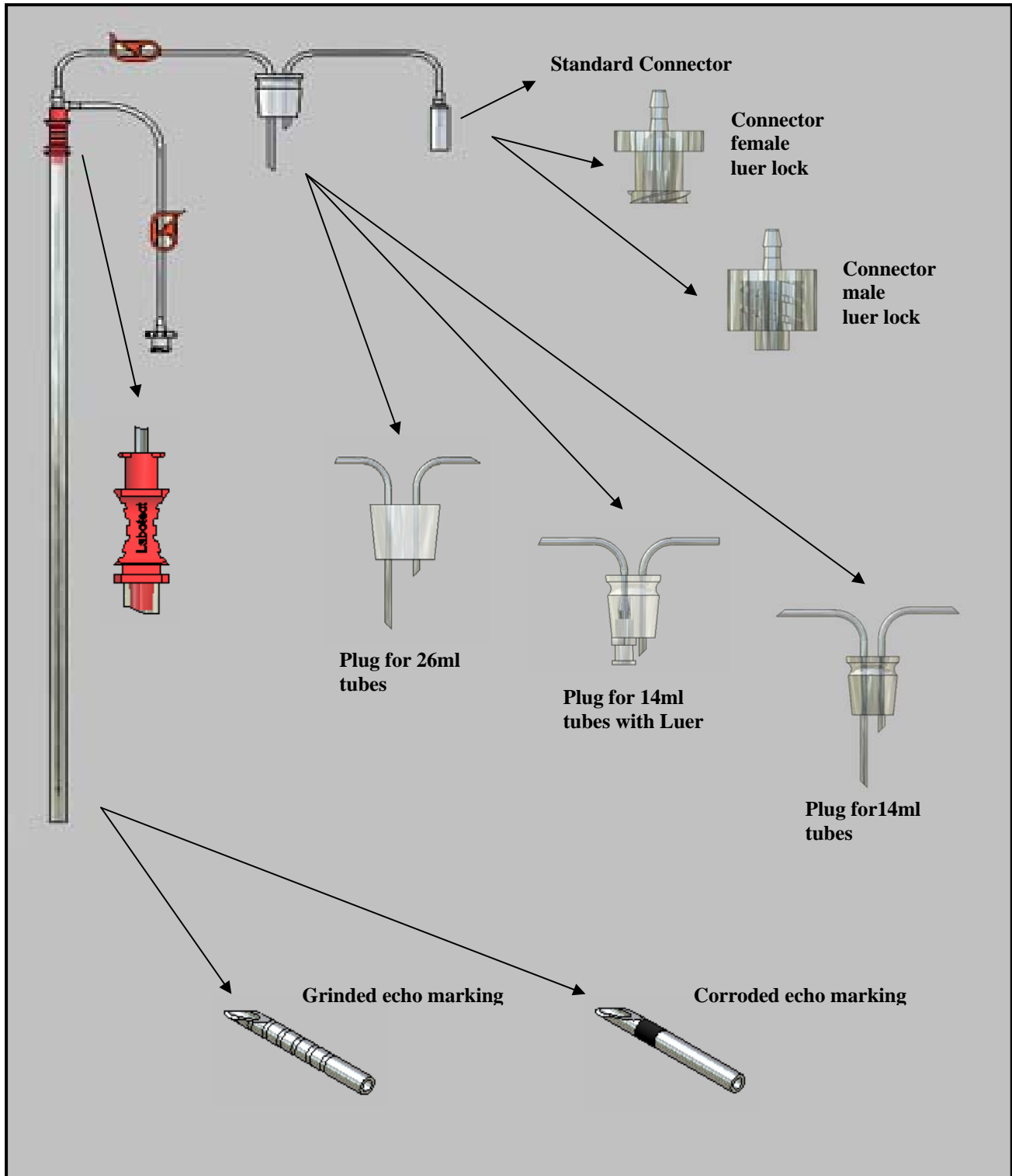
Aspiration only						
Article Number	Needle length (mm)	Needle outer Ø (mm/G)	Plug for tubes with ml	Tubing length Needle-Plug (mm)	Tubing length Plug-Aspiration Pump (mm)	Flushing tubing length (mm)
13441	300	1.4/17	14	1300	1000	n.a.
13442	300	1.4/17	14	500	1800	n.a.
13444	300	1.4/17	26	1300	1000	n.a.

Puncture Sets with **grinded** echo marking:

Aspiration only						
Article Number	Needle length (mm)	Needle outer Ø (mm/G)	Plug for tubes with ml	Tubing length: Needle-Plug (mm)	Tubing length: Plug-Aspiration Pump (mm)	Flushing tubing length (mm)
13436	330	1.4/17	14	1300	1000	n.a.
13438	300	1.4/17	14	1300	1000	n.a.
13439	300	1.4/17	14	500	1000	n.a.
13440	300	1.4/17	26	1300	1000	n.a.
13450	300	1.4/17	14	500	1800	n.a.
13451*	300	1.4/17	14	1300	1000	n.a.
13452*	300	1.4/17	14	500	1000	n.a.

\*with firm tubings

## Single Lumen Sets / Aspiration & Flushing

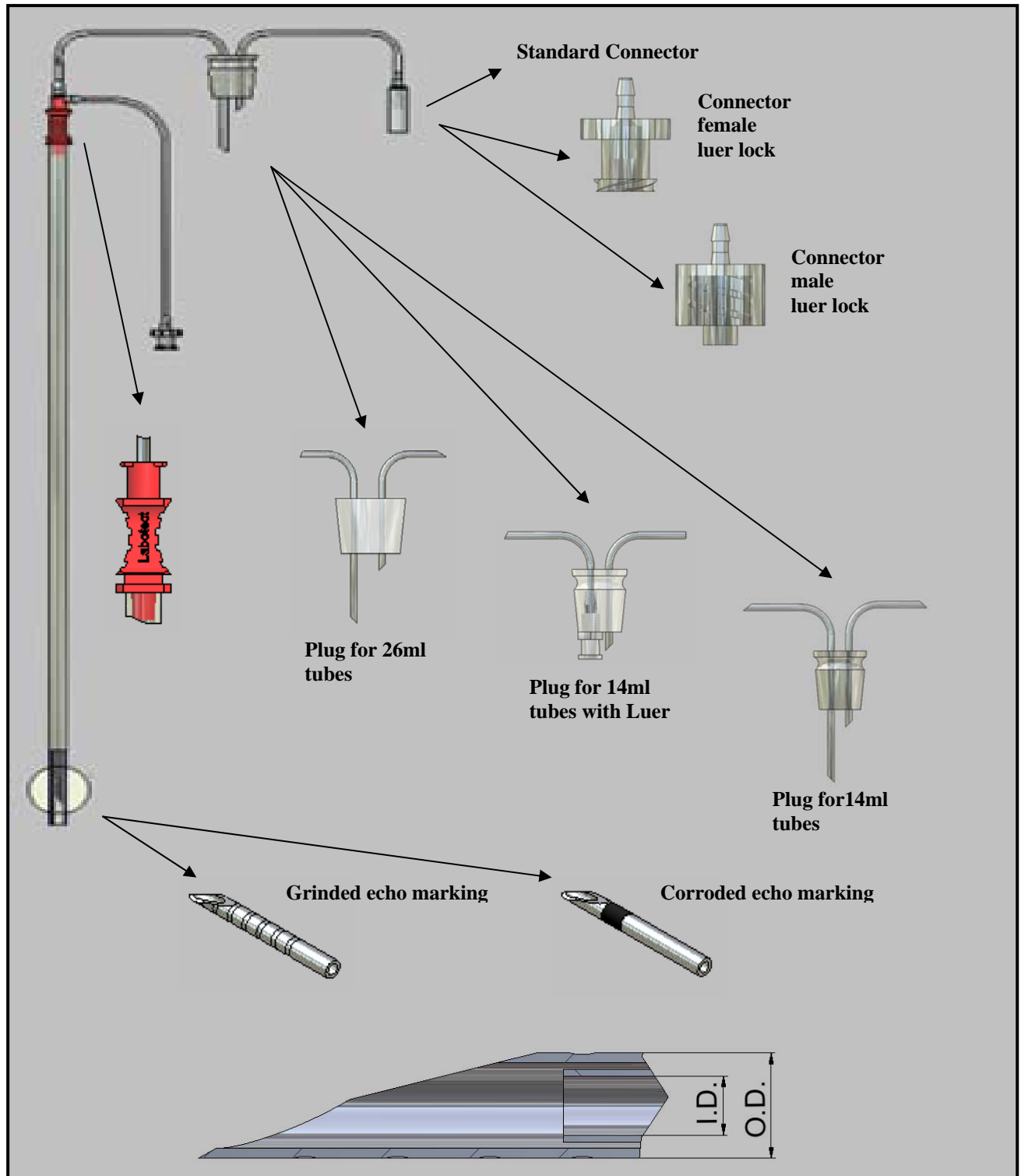


## Single Lumen Sets / Aspiration & Flushing - Single Use -

Puncture Sets with **corroded** echo marking:

Aspiration & Flushing						
Article Number	Needle length (mm)	Needle outer Ø (mm/G)	Plug for tubes with ml	Tubing length: Needle-Plug (mm)	Tubing length: Plug-Aspiration Pump (mm)	Flushing tubing length (mm)
13443	300	1.4/17	14	1300	1000	1000
13445	300	1.4/17	26	1300	1000	1000

## Standard Double Lumen Puncture Sets



## Standard Double Lumen Puncture Sets - Single Use -

Puncture Sets with **grinded** echo marking:

Aspiration & Flushing	Article Number	Needle length (mm)	Needle outer Ø (mm/G)	Plug for tubes with ml	Tubing length: Needle-Plug (mm)	Tubing length: Plug-Aspiration Pump (mm)	Flushing tubing length (mm)
	13463	330	1.6/16	14	390	1000	350
	13464	300	1.6/16	14	390	1000	350

## Standard Single Lumen Puncture Needles - Single Use -

Puncture Needles with **grinded** echo marking:

Aspiration only						
Article Number	Needle length (mm)	Needle outer Ø (mm/G)	Plug for tubes with ml	Tubing length: Needle-Plug (mm)	Tubing length: Plug-Aspiration Pump (mm)	Flushing tubing length (mm)
13424	330	1.4/17	n.a.	n.a.	n.a.	n.a.
13427	300	1.4/17	n.a.	n.a.	n.a.	n.a.

## Select components for your own, customized Labotect Puncture Set Single Lumen

<b>Step 1</b>	<b>Select your needle</b>
Length:	<input type="checkbox"/> 300 mm <input type="checkbox"/> 330 mm <input type="checkbox"/> other _____
Echo marking:	<input type="checkbox"/> corroded <input type="checkbox"/> grinded
Needle type:	<input type="checkbox"/> a   16G/1.6 mm outer Ø / 1.1 mm inner Ø <input type="checkbox"/> b   17G/1.4 mm outer Ø / 0.9 mm inner Ø <input type="checkbox"/> c   17G/1.4 mm outer Ø / 1.2 mm inner Ø
<b>Step 2</b>	<b>Select flushing tubing*</b>
Length:	_____ mm   Type: <input type="checkbox"/> Standard <input type="checkbox"/> Firm
<b>Step 3</b>	<b>Select tubing from needle to plug*</b>
Length:	_____ mm   Type: <input type="checkbox"/> Standard <input type="checkbox"/> Firm
<b>Step 4</b>	<b>Select silicon plug for tubes with the following sizes</b>
<input type="checkbox"/>	14 ml
<input type="checkbox"/>	26 ml
<b>Step 5</b>	<b>Select tubing from plug to pump*</b>
Length:	_____ mm   Type: <input type="checkbox"/> Standard <input type="checkbox"/> Firm
<b>Step 6</b>	<b>Select connection to pump</b>
<input type="checkbox"/>	Female Luer Lock Connector
<input type="checkbox"/>	Male Luer Lock Connector
<input type="checkbox"/>	Labotect Standard Connector

Please fill out this form and fax or e-mail it back to us together with your full contact details.

\* Total tubing length may not exceed 3000 mm.

Customized solutions concerning tubing length can be realized when ordering at least 200 pieces. If you desire a needle other than 300 or 330 mm long, a minimum order quantity of 500 pieces is required.

## Select components for your own, customized Labotect Puncture Set Double Lumen

<b>Step 1</b>	<b>Select your needle</b>
Length:	<input type="checkbox"/> 300 mm <input type="checkbox"/> 330 mm <input type="checkbox"/> other _____
Echo marking:	<input type="checkbox"/> corroded <input type="checkbox"/> grinded
Needle type:	<input type="checkbox"/> a   16G/1.6 mm outer Ø / 0.9 mm inner Ø <input type="checkbox"/> b   17G/1.4 mm outer Ø / 0.8 mm inner Ø
<b>Step 2</b>	<b>Select flushing tubing*</b>
Length:	_____ mm   Type: <input type="checkbox"/> Standard <input type="checkbox"/> Firm
<b>Step 3</b>	<b>Select tubing from needle to plug*</b>
Length:	_____ mm   Type: <input type="checkbox"/> Standard <input type="checkbox"/> Firm
<b>Step 4</b>	<b>Select silicon plug for tubes with the following sizes</b>
<input type="checkbox"/>	14 ml
<input type="checkbox"/>	26 ml
<b>Step 5</b>	<b>Select tubing from plug to pump*</b>
Length:	_____ mm   Type: <input type="checkbox"/> Standard <input type="checkbox"/> Firm
<b>Step 6</b>	<b>Select connection to pump</b>
<input type="checkbox"/>	Female Luer Lock Connector
<input type="checkbox"/>	Male Luer Lock Connector
<input type="checkbox"/>	Labotect Standard Connector

Please fill out this form and fax or e-mail it back to us together with your full contact details.

\* Total tubing length may not exceed 3000 mm.

Customized solutions concerning tubing length can be realized when ordering at least 200 pieces. If you desire a needle other than 300 or 330 mm long, a minimum order quantity of 500 pieces is required.