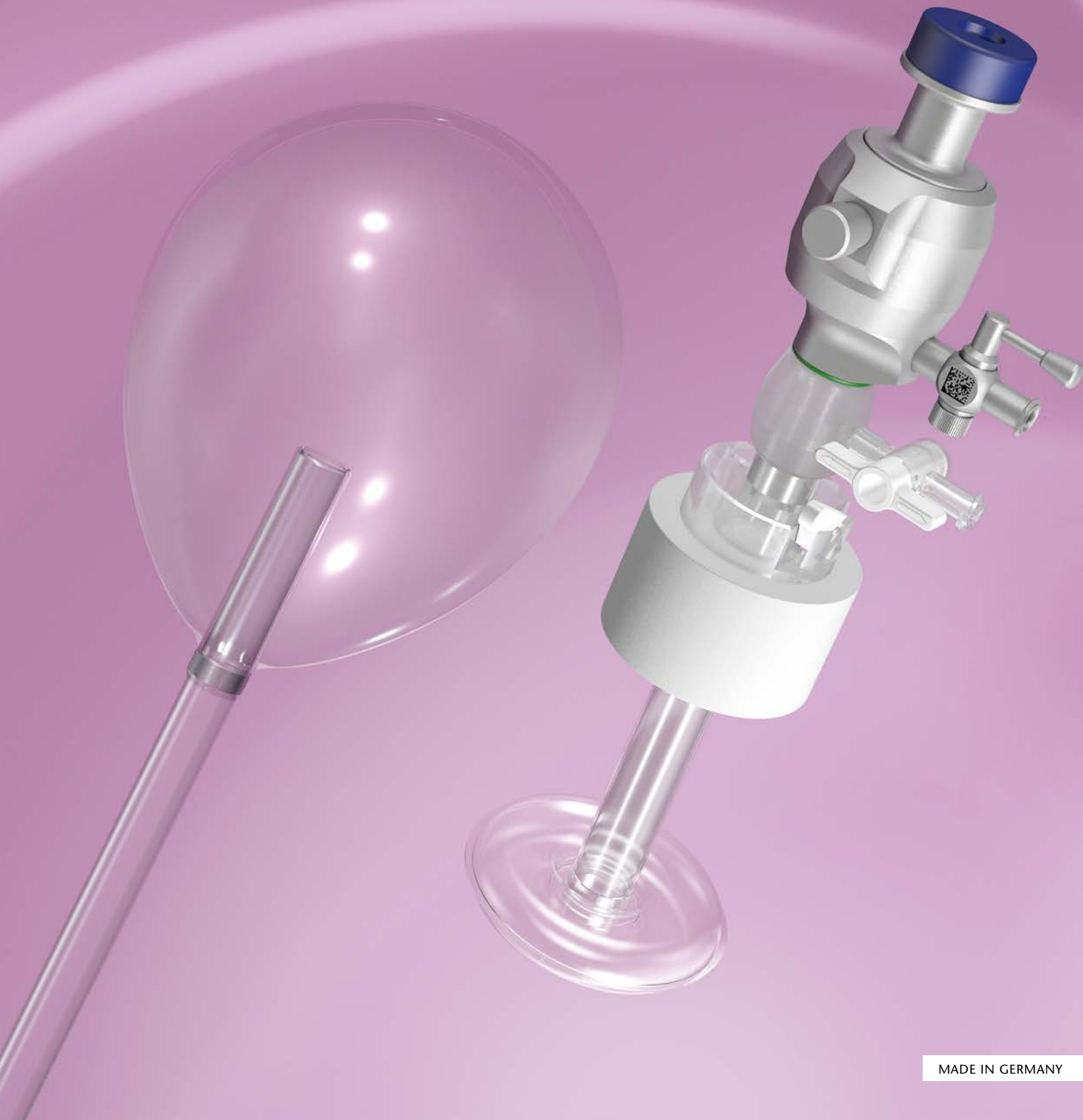


**PAJUNK®**

*EcoBalloon Systems*  
*Semi-Reusable Balloons for*  
*Minimally Invasive Procedures*



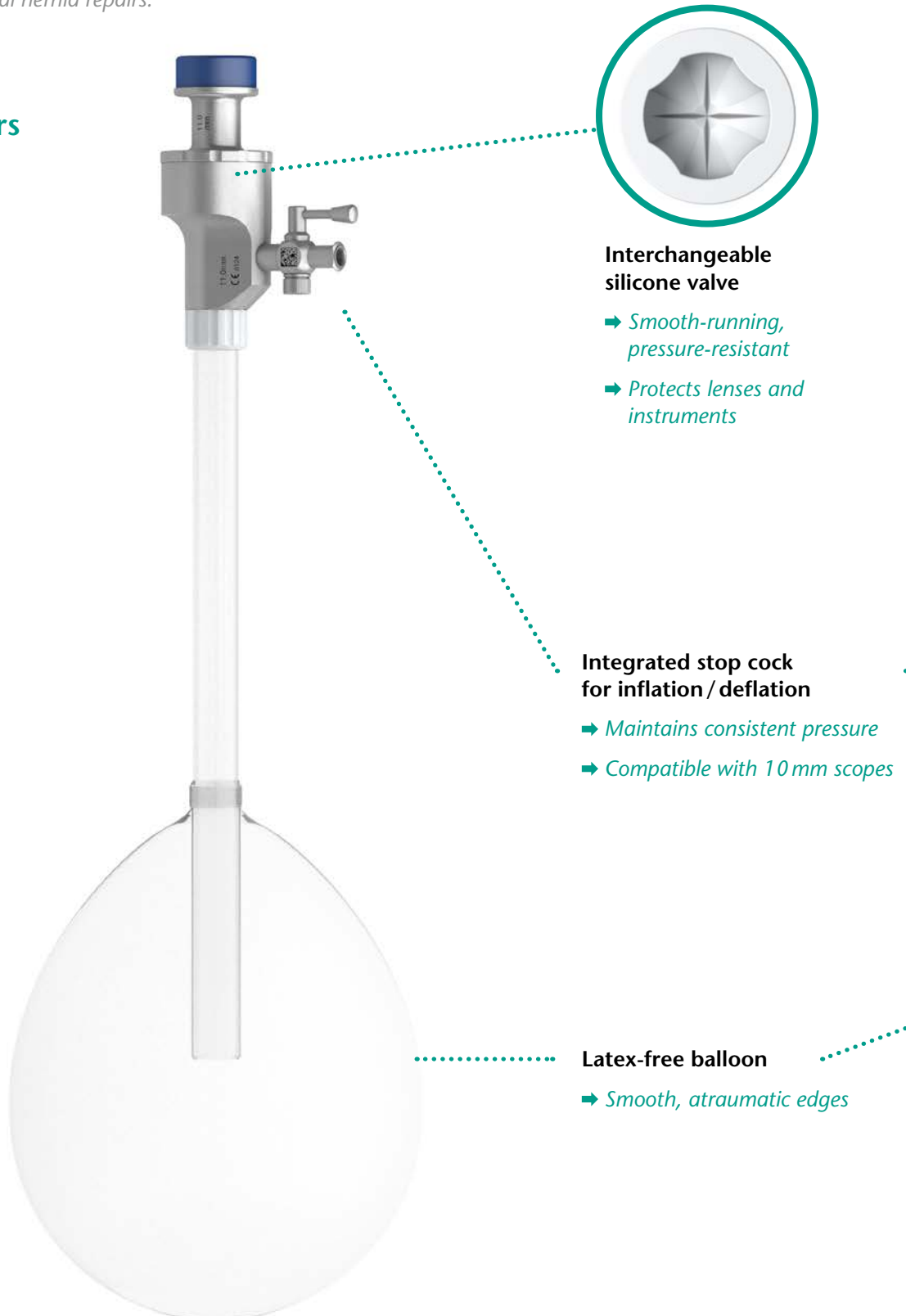
MADE IN GERMANY

# Dissecting balloons

The Pajunk dissecting balloon systems allow for optimum, fast and effective dissection of the preperitoneal space with direct visualisation.

The offering includes an oval balloon for bilateral hernias and round balloon for unilateral hernia repairs.

## Unilateral hernia repairs



## Bilateral hernia repairs

### Green marking

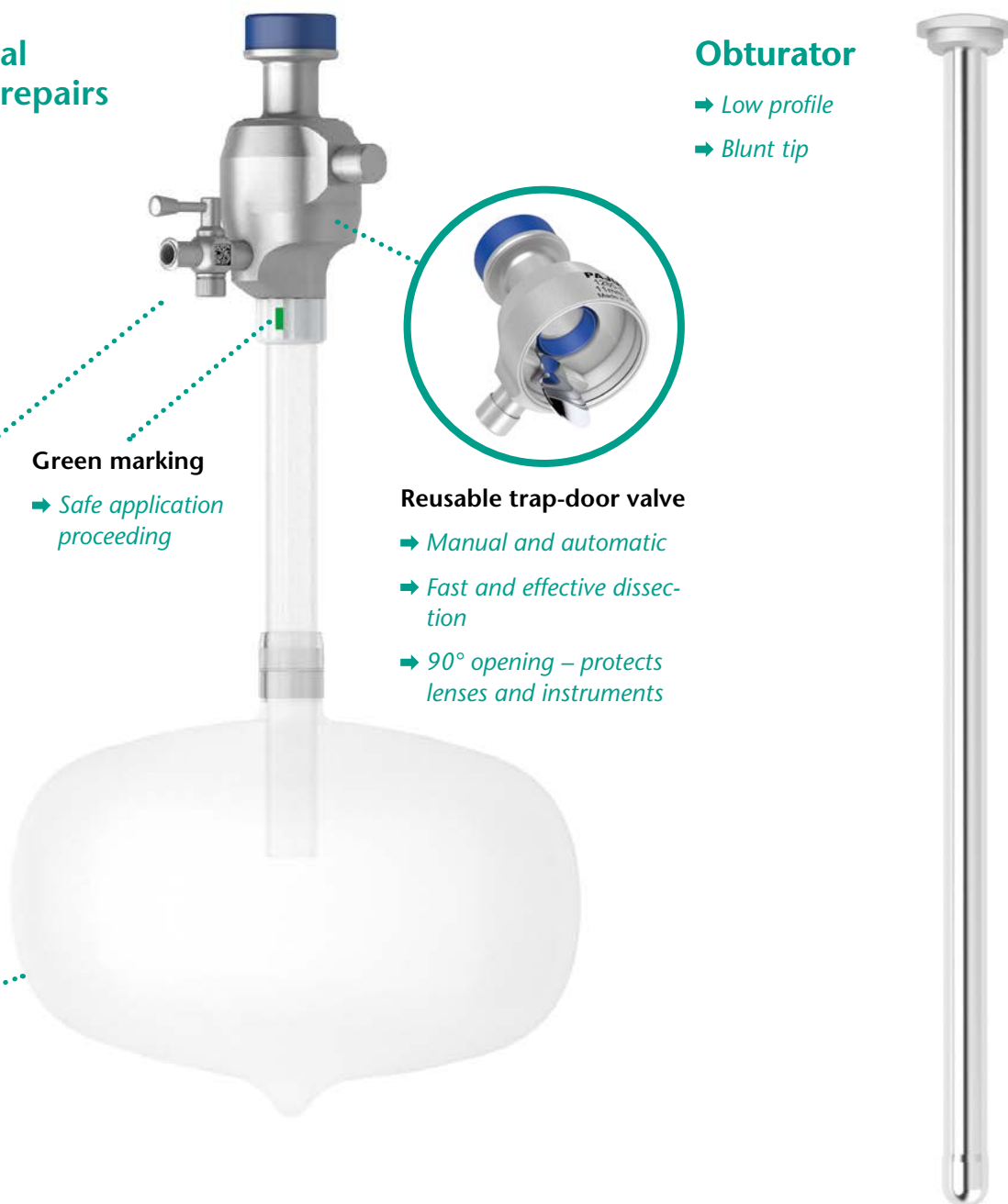
- ➔ *Safe application proceeding*

### Reusable trap-door valve

- ➔ *Manual and automatic*
- ➔ *Fast and effective dissection*
- ➔ *90° opening – protects lenses and instruments*

## Obturator

- ➔ *Low profile*
- ➔ *Blunt tip*



# Access balloons

Pajunk offers two different balloon systems to secure the access:  
*ring-anchor and structural balloon systems.*

EcoBalloons have a tried and tested standard seal system with a silicone valve and a trap-door valve to protect lenses and instruments.

## Ring-anchor and structural balloon system



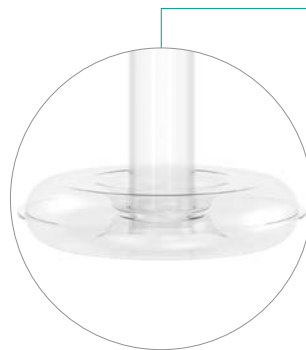
**NEW**

### Check valve

- ➔ Automatic system closure
- ➔ One-hand operation
- ➔ Quick & easy balloon filling

### EcoBalloon SL

- ➔ Easier insertion
- ➔ Higher stability



EcoBalloon URO



EcoBalloon RA

- ➔ All balloons are latex-free

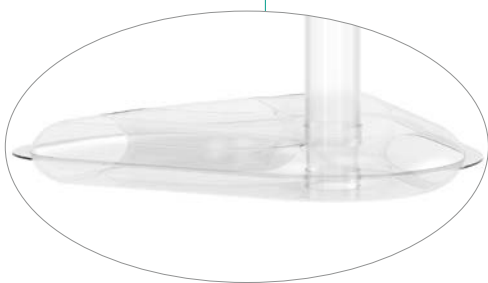
## Obturator

➔ Available in various lengths

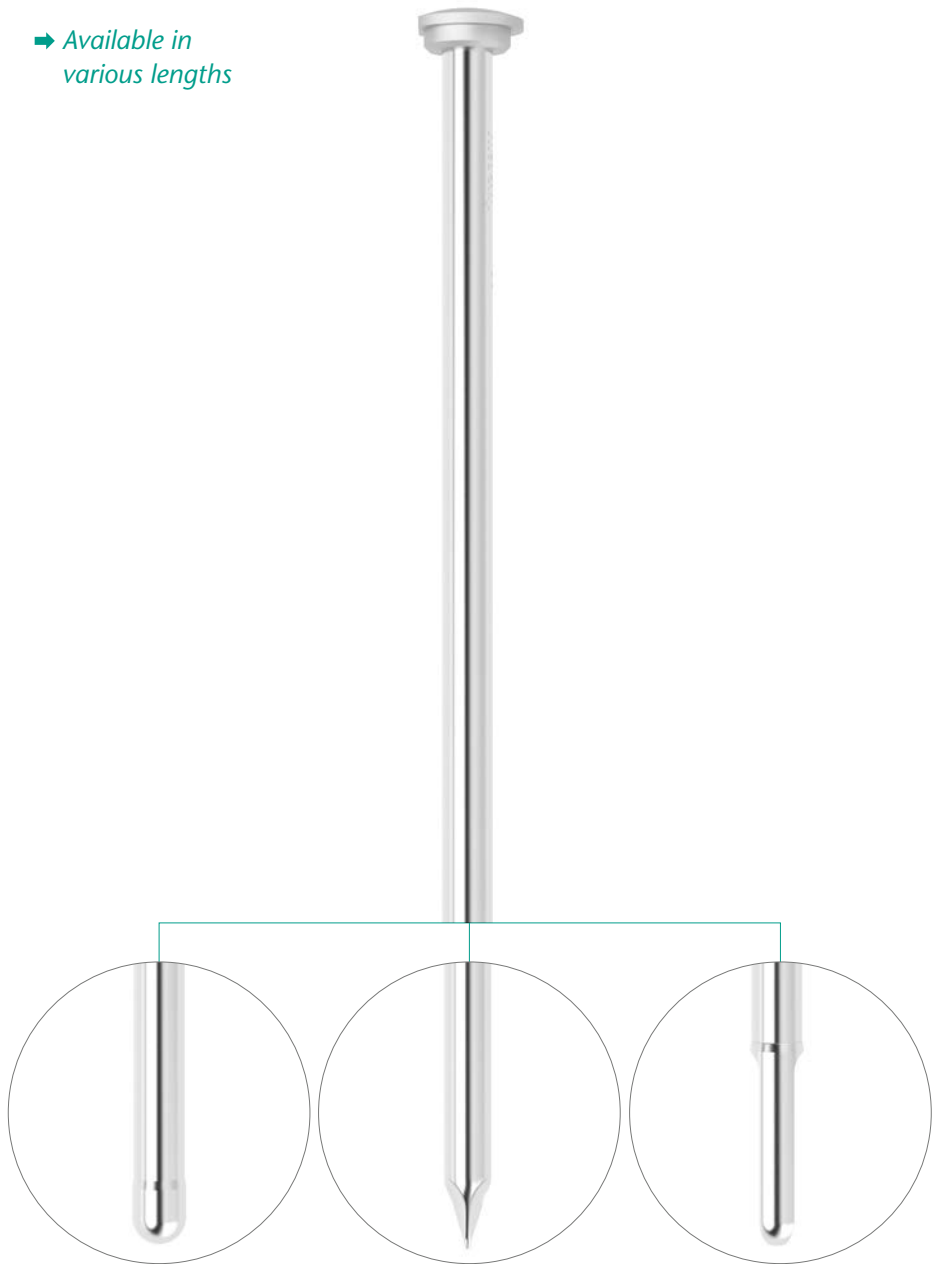
### Foam stopper

- ➔ Tight seal
- ➔ Reduces port-site bleedings
- ➔ Adapts to different abdominal wall thicknesses
- ➔ Stable anchoring

Structural balloon  
from below



EcoBalloon SB



Obturator  
for ring-anchor balloons

PROTECT tip  
for ring-anchor balloons Ø 5.8 mm

Obturator  
for structural balloons

➔ All balloons are latex-free

➔ Trauma reduction  
with blunt tip

## EcoBalloon systems

### Dissecting balloons



| Product   | Size      | Item no.   | PU | Ball pump | Syringe |
|---|-----------|------------|----|-----------|---------|
| <b>EcoBalloon DIL-XL</b>                                  |           |            |    |           |         |
| Unilateral dilation balloon (round, extra large), sterile | Ø 11 mm   | 1285-60-11 | 5  | •         |         |
|   | Ø 12.5 mm | 1285-60-12 | 5  | •         |         |
| <b>EcoBalloon DIL-BI</b>                                  |           |            |    |           |         |
| Bilateral dilation balloon (oval), sterile                | Ø 11 mm   | 1285-50-11 | 5  | •         |         |







### Access balloons



| Product   | Size     | Item no.    | PU | Ball pump | 30 ml syringe | 20 ml syringe | 10 ml syringe |
|---|----------|-------------|----|-----------|---------------|---------------|---------------|
| <b>EcoBalloon SB</b>  |          |             |    |           |               |               |               |
| Structural balloon and instrument channel, sterile              | Ø 11 mm  | 1285-20-11S | 5  | •         |               |               |               |
| <b>EcoBalloon RA</b>  |          |             |    |           |               |               |               |
| Ring-anchor balloon and instrument channel, sterile             | Ø 11 mm  | 1285-30-11S | 5  |           | •             |               |               |
|   | Ø 5.8 mm | 1285-30-58S | 5  |           |               |               | •             |
| <b>EcoBalloon RA-S</b>  |          |             |    |           |               |               |               |
| Short ring-anchor balloon and instrument channel, sterile       | Ø 11 mm  | 1285-40-11S | 5  |           | •             |               |               |
| <b>EcoBalloon URO</b>   |          |             |    |           |               |               |               |
| Flat ring-anchor balloon and instrument channel, sterile        | Ø 11 mm  | 1285-70-11S | 5  |           | •             |               |               |
|   | Ø 5.8 mm | 1285-70-58S | 5  |           |               | •             |               |
| <b>EcoBalloon URO-S</b>   |          |             |    |           |               |               |               |
| Short, flat ring-anchor balloon and instrument channel, sterile | Ø 11 mm  | 1285-75-11S | 5  |           | •             |               |               |
| <b>EcoBalloon SL</b>  |          |             |    |           |               |               |               |
| Flat ring-anchor balloon and instrument channel, sterile        | Ø 11 mm  | 1285-80-11S | 5  |           | •             |               |               |
| <b>EcoBalloon SL-S</b>  |          |             |    |           |               |               |               |
| Short, flat ring-anchor balloon and instrument channel, sterile | Ø 11 mm  | 1285-85-11S | 5  |           | •             |               |               |

## EcoBalloon systems – sets

### Double balloon sets

| Product   | Size    | Item no.    | PU | Ball pump | 30ml syringe |
|---|---------|-------------|----|-----------|--------------|
|  <p><b>EcoBalloonDuo DIL-XL + RA</b><br/>Unilateral dilation balloon (round, extra large), ring-anchor balloon and instrument channel, sterile</p>      | Ø 11 mm | 1285-60-20S | 5  | •         | •            |
|  <p><b>EcoBalloonDuo DIL-XL + SB</b><br/>Unilateral dilation balloon (round, extra large), structural balloon and instrument channel, sterile</p>       | Ø 11 mm | 1285-60-24S | 5  | •         |              |
|  <p><b>EcoBalloonDuo DIL-XL + URO</b><br/>Unilateral dilation balloon (round, extra large), URO ring-anchor balloon and instrument channel, sterile</p> | Ø 11 mm | 1285-60-28S | 5  | •         | •            |
|  <p><b>EcoBalloonDuo DIL-BI + RA</b><br/>Bilateral dilation balloon (oval), ring-anchor balloon and instrument channel, sterile</p>                   | Ø 11 mm | 1285-50-20S | 5  | •         | •            |
|  <p><b>EcoBalloonDuo DIL-BI + SB</b><br/>Bilateral dilation balloon (oval), structural balloon and instrument channel, sterile</p>                    | Ø 11 mm | 1285-50-24S | 5  | •         |              |
|  <p><b>EcoBalloonDuo DIL-BI + URO</b><br/>Bilateral dilation balloon (oval), URO ring-anchor balloon and instrument channel, sterile</p>              | Ø 11 mm | 1285-50-28S | 5  | •         | •            |

## EcoBalloon valves

Reusable balloon valves: ergonomic valve housing, easy to clean, low weight, quick lock, maintenance-free stop cock for gas inflation.\*

\* except for the TrocaTec AUTO 5.8 mm diameter model



Ø 11 mm



Ø 5.8 mm



Ø 11 mm



Ø 5.8 mm



Ø 11 mm



Ø 5.8 mm

| Product  | Size     | Item no.    | PU |   |
|--|----------|-------------|----|---|
| <b>EcoBalloon TrocaTec MAN</b>                           |          |             |    |   |
| With manually and automatically actuated trap-door valve | Ø 11 mm  | 1285-13-11  | 1  | • |
|  | Ø 5.8 mm | 1285-13-58N | 1  |   |
|  | Ø 5.8 mm | 1285-13-58  | 1  | • |
| <b>EcoBalloon TrocaTec AUTO</b>                          |          |             |    |   |
| With automatic trap-door valve                           | Ø 11 mm  | 1285-26-11  | 1  | • |
|  | Ø 5.8 mm | 1285-26-58N | 1  |   |
| <b>EcoBalloon TrocaPort</b>                              |          |             |    |   |
| With interchangeable silicone valve                      | Ø 11 mm  | 1285-21-11  | 1  | • |
|  | Ø 5.8 mm | 1285-21-58N | 1  |   |
|  | Ø 5.8 mm | 1285-21-58  | 1  | • |

Stop cock

## Obturator

Reusable, blunt, atraumatic.



| Product  | Size     | Item no.   | PU |
|--|----------|------------|----|
| <b>EcoBalloon OBT DIL</b>                                |          |            |    |
| For inserting unilateral and bilateral dilation balloons | Ø 11 mm  | 1285-94-11 | 1  |
| <b>EcoBalloon OBT SB</b>                                 |          |            |    |
| For inserting structural balloons                        | Ø 11 mm  | 1285-95-11 | 1  |
| <b>EcoBalloon OBT RA</b>                                 |          |            |    |
| For inserting ring-anchor balloons                       | Ø 11 mm  | 1285-96-11 | 1  |
|  | Ø 5.8 mm | 1285-96-58 | 1  |
| <b>EcoBalloon OBT RA-S</b>                               |          |            |    |
| For inserting short ring-anchor balloons                 | Ø 11 mm  | 1285-97-11 | 1  |
| <b>EcoBalloon OBT PROTECT</b>                            |          |            |    |
| Dilating trocar for inserting ring-anchor balloons       | Ø 5.8 mm | 1285-98-58 | 1  |



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