

UNO Roestvaststaal BV



*UNO Infusion Systems  
for use with  
Rat and Mouse!*



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### Vascular Access Port

The Vascular Access Ports provide you with a very high quality, cost effective polysulfone (ROP) or titanium (MiniTi) port for your (> 140gr.) rodents, which can be used for continuous or intermittent infusion, as well as blood withdrawal and pressure monitoring.

#### Description

Material  
Height  
Diam. top  
Diam. Base  
Weight port body  
Reservoir volume  
Septum material  
No. Punctures  
Cath. configuration  
Standard Cath. length  
Std. Cath. modifications  
Catheter french sizes\*

#### Rat-O-Port

polysulfone and silicone  
0,3" / 0,8cm  
0,3" / 0,8cm  
0,6" / 1,5cm  
2gm  
0,10cc  
silicone  
350/22ga Huber Point Needle  
preattached or attachable  
6"/15cm  
2 movable retention beads - on S only  
silicone: 1,2,3,4  
polyurethane: 1,2,3,3.5

#### Clearport (CP6)

titanium and silicone  
0,3" / 0,8cm  
0,3" / 0,8cm  
0,6" / 1,5cm  
3gm  
0,10cc  
silicone  
1.000/22ga Huber Point Needle  
preattached or attachable  
24"/60cm  
2 movable retention beads - on S only  
silicone: 1,2,3,4,5,7,9  
polyurethane: 1,2,3,3.5,5,7



### Premium Catheters

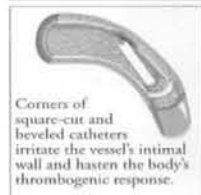
The physiology involved in thrombogenicity of long term catheters involves many factors. A principal factor involves the interaction between the catheter tip and the intimal lining or endothelium of the vessel. The rounded tip of the Hydrocoat, Intisil and CBAS catheter is less traumatic to the intima. The conventional square-cut and beveled catheters, actually have pronounced edges which traumatize the vessel wall, thus hastening the host's thrombogenic response.



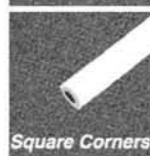
The round Intisil tip is less traumatic to the vessel wall during implantation and in situ.



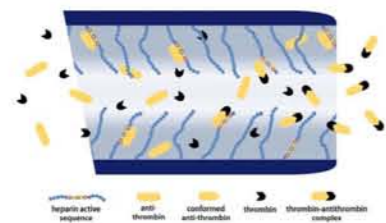
Rounded Tip



Corners of square-cut and beveled catheters irritate the vessel's intimal wall and hasten the body's thrombogenic response.



Square Corners



heparin active response    red thrombus    conformed anti-thrombus    thrombus    thrombin-antithrombin complex

#### Hydrocoat Benefits

- \* Ease of insertion & long-term tolerance
- \* Decreased mechanical tissue trauma
- \* Reduced platelet adhesion & bacterial clustering
- \* The lubricious coating is instantly activated upon contact with blood
- \* Firm for insertion
- \* Quickly softens at body temperatures to enhance compliance

#### Intisil Benefits

- \* Reduced trauma to vessel endothelium
- \* Reduced chance of thrombus formation
- \* Minimizes infections
- \* Increased ease of insertion
- \* Increase of long-term tolerance
- \* Reduced chance of "knicking" catheters

#### CBAS Benefits - Heparine coated polyurethane

- \* Increase in thromboresistance
- \* Ease of insertion & long-term tolerance
- \* Decreased mechanical tissue trauma
- \* Reduced platelet adhesion & bacterial clustering
- \* Heparine coating on both inside- and outside of the catheter
- \* Firm for insertion
- \* Quickly softens at body temperatures to enhance compliance

#### Ordering information:

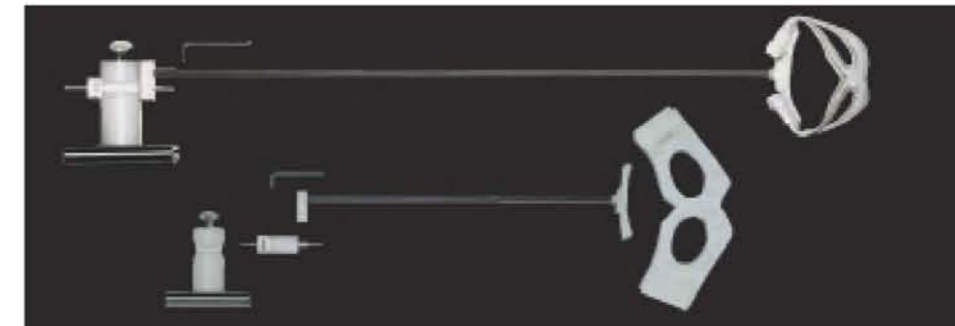
French Size	Hydrocoat	Intisil	CBAS
2	CNC-2H	n.a.	CBAS-20
3	CNC-3H	CNC-3IS	CBAS-30
3,5	CNC-3,5H	n.a.	CBAS-35
4	n.a.	CNC-4IS	n.a.

### Rodent Infusion Harness

Rat	One size fits all
CIH95/12	Incl. 12" spring for single channel infusion
CIH95/18	Incl. 18" spring for single channel infusion
CIH105/12	Incl. 12" spring for double channel infusion
CIH105/18	Incl. 18" spring for double channel infusion
CIH95AB	Molded Harness and Belly bands for single cannulae
CIH105AB	Molded Harness and Belly bands for double cannulae
Mouse	One size fits all
CIH62/12	Incl. 12" spring for single channel infusion
CIH62AB	Molded Harness and Belly bands for single cannulae



Rat Harness



### Rodent Swivels - single channel

Also available sterilized

Rat	High Impact Plastic	Stainless Steel
RSP1	22 gauge	RSS1
RSP2	20 gauge	RSS2
RSP3	21 gauge	RSS3
RSP4	23 gauge	N.A.
Mouse	N.A.	Stainless Steel
	25 gauge	375/25



Swivel retainer



Swivels

### Rodent Infusion Jackets

Rat	Jacket	Weight
RJ00	Extra Small	100 - 150gram
RJ01	Small	151 - 250gram
RJ02	Medium	251 - 350gram
RJ03	Large	351 - 500gram
RJ04	Extra Large	> 500 gram
Mouse		
MJ01	Small	< 25 gram
MJ02	Medium	26 - 30 gram
MJ03	Large	31 - 40 gram



Jackets

### Rodent Tether for the use with a jacket

Rat	Tether	Length
RT12	12"/30cm length	
RT18	18"/45cm length	
RT24	24"/60cm length	
Mouse		
MT12	12"/30cm length	
MT18	18"/45cm length	



### Rodent Tail cuff

Rat	RTT1
Mouse	MTT1

### Rodent Tether for the use with a tail cuff

Rat	Tether	Length
RT12T	12"/30cm length	
RT18T	18"/45cm length	
RT24T	24"/60cm length	
Mouse		
MT12T	12"/30cm length	
MT18T	18"/45cm length	



### Swivel Tether Connector

Rat & Mouse	RST1
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