Celsite®, Surecan®, Cytocan®

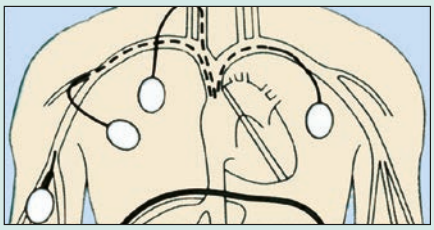
Access Port Systems, PICCs, Accessories and Non-Coring Port Needles

Vascular Systems

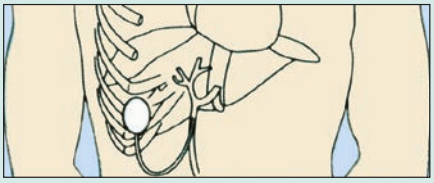
B BRAUN
SHARING EXPERTISE

Celsite®, Surecan®, Cytocan® Access Port Systems, PICCs, Accessories and Non-Coring Port Needles

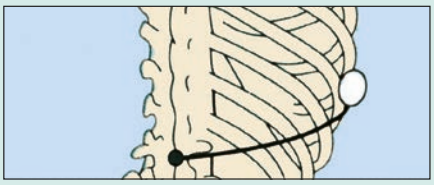
Implantation Sites



Venous access for repeated intra-venous administration of, for example, chemotherapy, antibiotics and anti-viral drugs, total parenteral nutrition (TPN), blood sampling or transfusion

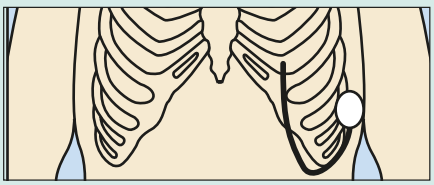


Arterial access for intra-arterial administration of chemotherapy



Epidural or intra-thecal access for spinal administration of pain relieving drugs

Peritoneal access for loco-regional chemotherapy and (i. e. with Drainaport®) for hydration and drainage of malignant ascites

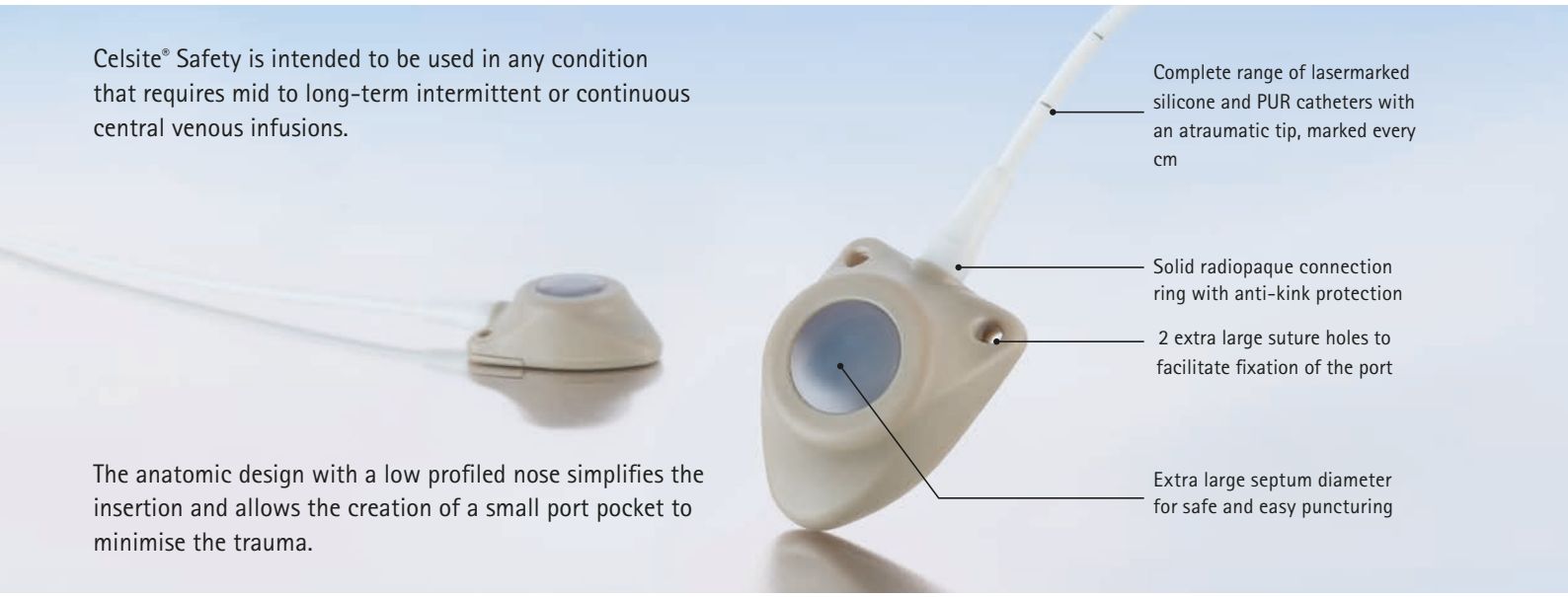


Pleural access for drainage of malignant pleural effusion (MPE)

Celsite® Safety

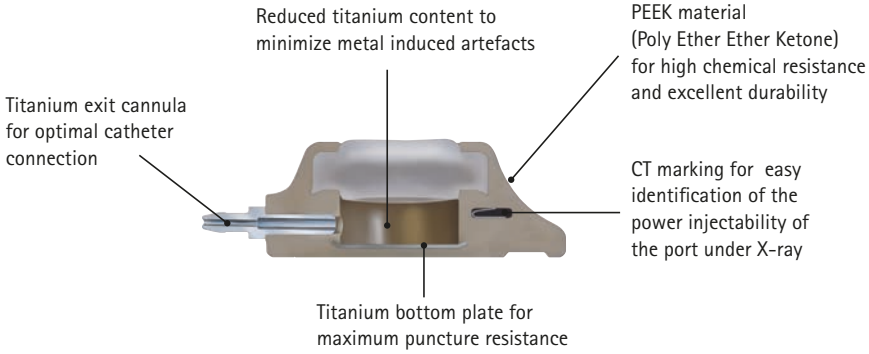
Venous access ports for extended flexibility without compromise on safety

Celsite® Safety is intended to be used in any condition that requires mid to long-term intermittent or continuous central venous infusions.



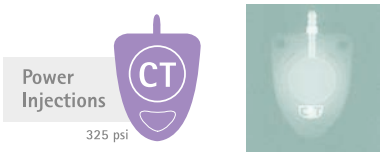
The anatomic design with a low profiled nose simplifies the insertion and allows the creation of a small port pocket to minimise the trauma.

PEEK and titanium combination for maximum safety



High pressure resistant and CT Marked

Celsite® Safety is resistant to high pressure injection up to 325psi (22.4bar). The radiopaque CT marking enables identification of the port in the X-ray image.



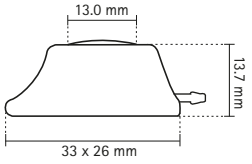
Safety Port Needle and Safety Puncture Needle with Echogenic Tip

Surecan® Safety II

Safecan™ Safety

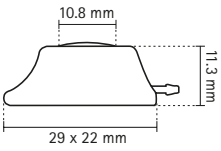
Catheter	OD (F/mm)	ID (mm)	Length (mm)	Flow rate* (ml/min)		Recommended maximum flow rates (mL/s) Contrast media at 37°C (325 psi = 22.4 bar)**						Implantation technique	Type	Reference	Accessories see page 33
						Viscosity 5.8 mPa.s (cP)			Viscosity 11.4 mPa.s (cP)						
				19 G	22 G	22 G	20 G	19 G	22 G	20 G	19 G				
Standard															
Silicone	6.5 / 2.2	1.1	500	26	10	2	5	5	2	5	5	Surgical cut-down	T601F	4437556	⑧
Silicone	8.5 / 2.8	1.2	500	34	11	2	5	5	2	5	5	Surgical cut-down	T601L	4437573	⑧
PUR	6.5 / 2.1	1.4	500	37	12	2	5	5	2	5	5	Surgical cut-down	T601P	4437565	⑧
PUR	8.5 / 2.8	1.6	500	48	12	2	5	5	2	5	5	Surgical cut-down	T601H	4437581	⑧
Silicone	6.5 / 2.2	1.1	500	26	10	2	5	5	2	5	5	Seldinger	SST601F	4437603	⑦
Silicone	8.5 / 2.8	1.2	500	34	11	2	5	5	2	5	5	Seldinger	SST601L	4437612	⑦
Silicone	10 / 3.2	1.6	500	48	12	2	5	5	2	5	5	Seldinger	SST601G	4437620	⑦
PUR	6.5 / 2.1	1.4	500	37	12	2	5	5	2	5	5	Seldinger	SST601P	4437607	⑦
PUR	8.5 / 2.8	1.6	500	48	12	2	5	5	2	5	5	Seldinger	SST601H	4437617	⑦
Small															
Silicone	6.5/2.2	1.1	500	26	10	2	5	5	2	5	5	Surgical cut-down	T605F	4437758	⑧
Silicone	10 / 3.2	1.6	500	48	12	2	5	5	2	5	5	Surgical cut-down	T605G	4437786	②
Silicone	6.5/2.2	1.1	500	26	10	2	5	5	2	5	5	Seldinger	SST605F	4437803	⑦
Silicone	8.5/2.8	1.2	500	34	11	2	5	5	2	5	5	Seldinger	SST605L	4437817	⑦
Silicone	10 / 3.2	1.6	500	48	12	2	5	5	2	5	5	Seldinger	SST605G	4437822	①
PUR	5/1.6	1.1	500	26	10	2	5	5	2	5	5	Seldinger	SST605C	4437800	⑦
PUR	6.5/2.1	1.4	500	37	12	2	5	5	2	5	5	Seldinger	SST605P	4437809	⑦
PUR	8.5/2.8	1.6	500	48	12	2	5	5	2	5	5	Seldinger	SST605H	4437813	⑦

Standard



Material: Titanium | PEEK
Weight: 8 g
Internal Volume: 0.5 mL

Small



Material: Titanium | PEEK
Weight: 5 g
Internal Volume: 0.3 mL

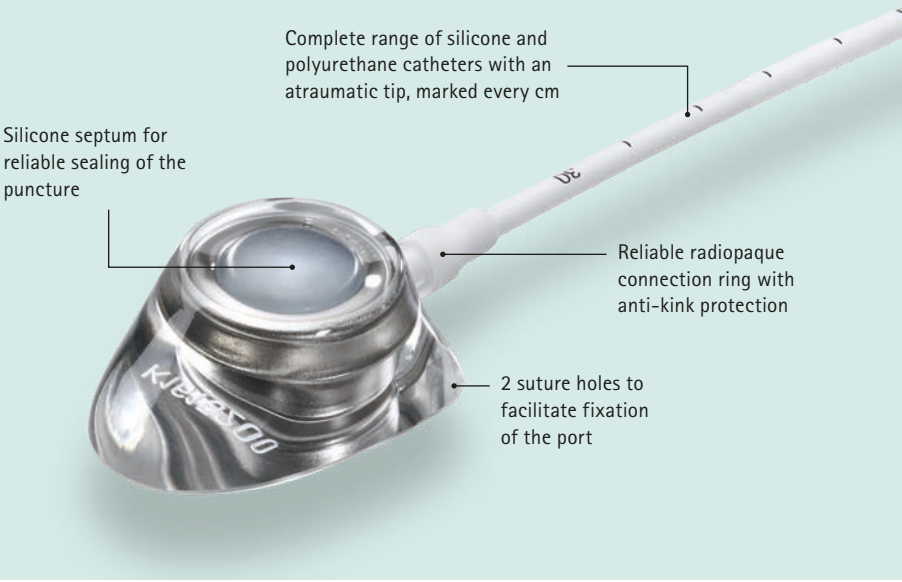
* Gravity flow rates established by gravity infusion of NaCl 0.9%, height 1m. Catheter length 40cm. According to ISO 10555-1.
** HP Flow rates determined according to ISO 10555-6 with a catheter of 20 cm and Surecan® Safety II. Flow rates are applicable to Winged / Angled Surecan®.

Celsite® Epoxy

Premium venous access ports with special compact port design

As the premium access port range of B. Braun, Celsite® Epoxy ports offer outstanding features as well as an extended portfolio of different port sizes and catheters.

They are intended to be used for repeated, intravenous administration of, for example, chemotherapy, antibiotic and anti-viral drugs, parenteral nutrition, blood sampling or transfusion.

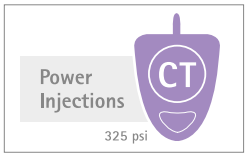


Highly compact design

Celsite® Epoxy ports have an extremely low profile and related to the total dimensions of the port a particularly large septum.

High pressure resistant

The complete range of venous Celsite® Epoxy ports is resistant to high pressure injection up to 325 psi. This enables for power injections of contrast media in radiology, without the need for additional access and needlesticks.



Radiopaque CT Marking

Celsite® Epoxy offers radiopaque CT marking. With CT marking it is possible to identify the port as resistant to high pressure injection in the x-ray image.

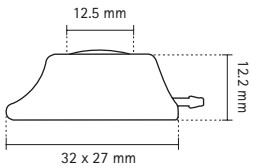
Extended Portfolio

Available as extra small Brachial- and Babyport®.
One of the most compact access ports commercially available.

Catheter	OD (F/mm)	ID (mm)	Length (mm)	Flow rate* (ml/min)		325 PSI Recommended maximum flow rates (mL/s) Contrast media at 37°C (325 psi = 22.4 bar)**						Implantation technique	Type	Reference	Accessories see page 32/33
						Viscosity 5.8 mPa.s (cP)			Viscosity 11.4 mPa.s (cP)						
				19 G	22 G	22 G	20 G	19 G	22 G	20 G	19 G				
Standard															
PUR	5 /1.6	1.1	900	24	10	2	5	6	1	3	5	Braunule, Seldinger	ST201C	04432045	②
Silicone	6.5/2.2	1.1	800	26	10	2	6	7	1	4	5	Surgical cut-down	T201F	04430034	⑥
Silicone	6.5/2.2	1.1	800	26	10	2	6	7	1	4	5	Seldinger	ST201F	04430409	①
PUR	6.5/2.1	1.4	800	34	11	2	5	7	1	4	6	Seldinger	ST201P	04430417	①
PUR (high flow)	8.5/2.8	1.6	800	45	12	2	6	8	1	4	7	Seldinger	ST201H	04433149	①
Silicone	8.5/2.8	1.1	800	28	13	2	6	7	1	4	6	Surgical cut-down	T201	04430026	⑥
Silicone	8.5/2.8	1.1	800	28	13	2	6	7	1	4	6	Seldinger	ST201	04430395	①
Silicone (high flow)	10 /3.2	1.6	800	47	13	2	6	9	1	4	6	Seldinger	ST201G	04433807	①
Small															
Silicone	6.5/2.2	1.1	800	24	10	2	5	8	1	4	6	Seldinger	ST205	04430893	①
Silicone	6.5/2.2	1.1	800	24	10	2	5	8	1	4	6	Surgical cut-down	T205	04430085	⑥
PUR	6.5/2.1	1.4	800	30	11	2	5	8	1	4	5	Seldinger	ST205P	04430894	①
Silicone	8.5/2.8	1.1	800	25	10	2	5	8	1	3	6	Seldinger	ST205L	04430895	①
PUR (high flow)	8.5/2.8	1.6	800	37	12	2	6	9	1	4	6	Seldinger	ST205H	04436806	①
Silicone***	6.5/2.2	1.0	800	24	10	2	5	8	1	4	6	Seldinger	ST215	04430143	①
Baby/Brachial															
PUR	4.5/1.5	0.8	800	12	7	2	4	–	1	3	–	Seldinger	Babyport®	04433742	④
PUR	5 /1.6	1.1	700	22	10	2	5	–	1	4	–	Seldinger, OTW	Brachial	04433734	⑩
Silicone	6 /2.0	1.2	600	24	10	2	5	–	1	4	–	Seldinger	Babyport® S	04433842	⑤

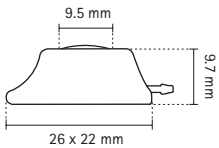
Celsite® Epoxy offers a wide range of Silicone and PUR catheters and three different port sizes, Standard, Small and Baby/Brachial.

Standard



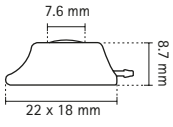
Material:	Titanium | Epoxy
Weight:	8 g
Internal Volume:	0.5 mL

Small



Material:	Titanium | Epoxy
Weight:	5 g
Internal Volume:	0.25 mL

Baby/Brachial



Material:	Titanium | Epoxy
Weight:	3 g
Internal Volume:	0.15 mL

* Gravity flow rates established by gravity infusion of NaCl 0.9%, height 1m. Catheter length 40cm. According to ISO 10555-1.
** With a catheter of 20 cm and Surecan® Safety II. For countries under CE mark only.
*** With pre-connected catheter.

Celsite® ECG

Venous access ports for accurate ECG guided catheter positioning

- Celsite® ECG allows catheter positioning via intra-atrial ECG detection
- Accurate placement of the catheter tip into the superior vena cava without intraoperative fluoroscopy
- With radiopaque CT marking.

Correct and accurate positioning of the catheter is of high importance to reduce the risk of long term complications.*

Accepted

Proven in daily clinical routine and numerous clinical trials.

Accurate

Celsite® ECG allows accurate placement of the catheter tip.

Without X-ray

No expensive X-ray equipment needed in almost all cases.
No X-ray exposure for theatre staff and patients.

Compatible

Celsite® ECG can be used with any ECG monitor with no need for additional investment.

The Certodyn® Universal Adapter can be ordered by reference 04150228

* Caers J., Support Care Cancer (2005) 13:325–331

Catheter	OD (F/mm)	ID (mm)	Length (mm)	Flow rate* (ml/min)		325 PSI Recommended maximum flow rates (mL/s) Contrast media at 37°C (325 psi = 22.4 bar)**						Implantation technique	Type	Reference	Accessories see page 33
						Viscosity 5.8 mPa.s (cP)			Viscosity 11.4 mPa.s (cP)						
				19G	22G	22G	20G	19G	22G	20G	19G				
Standard															
Silicone	6.5/2.2	1.0	500	26	10	2	6	7	1	4	5	Seldinger	ST201F ECG	04440140	⑨
Silicone	6.5/2.2	1.0	500	26	10	2	6	7	1	4	5	Surgical cutdown	T201F ECG	04440150	⑭
Silicone	8.5/2.8	1.1	500	28	13	2	6	7	1	4	6	Seldinger	ST201 ECG	04430140	⑨
Silicone	8.5/2.8	1.1	500	28	13	2	6	7	1	4	6	Surgical cutdown	T201 ECG	04430150	⑭
Small															
Silicone	6.5/2.2	1.0	500	24	10	2	5	8	1	4	6	Seldinger	ST205F ECG	04440111	⑨
Silicone	6.5/2.2	1.0	500	24	10	2	5	8	1	4	6	Surgical cutdown	T205F ECG	04440222	⑭
Silicone	8.5/2.8	1.1	500	25	10	2	5	8	1	3	6	Seldinger	ST205 ECG	04430111	⑨
Silicone	8.5/2.8	1.1	500	25	10	2	5	8	1	3	6	Surgical cutdown	T205 ECG	04430222	⑭

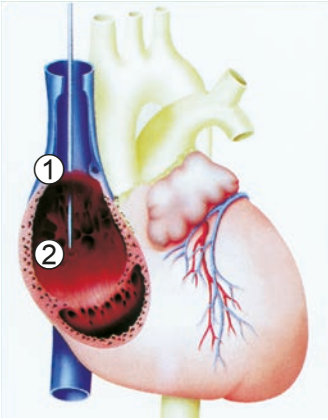
Localisation

① Maximal P-wave height is reached and maintained when the catheter enters into the right atrium.

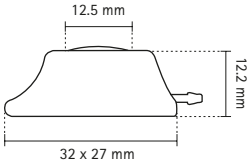
After identifying the area where the P-wave begins to develop its maximal amplitude (which corresponds anatomically to the junction between superior vena cava and the right atrium) advance the catheter a further 2 cm.

② This is the final position of the catheter tip with the patient in supine position.

This catheter position allows for the 2-3 cm cranial movement of the catheter tip which occurs when the patient is upright.

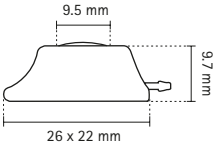


Standard



Material: Titanium | Epoxy
Weight: 8 g
Internal Volume: 0.5 mL

Small



Material: Titanium | Epoxy
Weight: 5 g
Internal Volume: 0.25 mL

* Gravity flow rates established by gravity infusion of NaCl 0.9%, height 1m. Catheter length 40cm. According to ISO 10555-1.
** With a catheter of 20 cm and Surecan® Safety II. For countries under CE mark only.

Celsite® Discreet

Venous access ports with unique design for enhanced port stability and better cosmetic results

Celsite® Discreet offers unique design and allows better cosmetic results for the patient.

- The low profile design with patented 90° connection provides a high level of discretion
- Also available in small size to facilitate implantation in paediatric and underweight patients
- MR conditional, Latex, DEHP and PVC free
- With radiopaque CT marking.

Prevention of Port Flip

Patented 90° angle of the exit cannula reduces the risk of port flip and associated blockage due to catheter kinking

Better Cosmetic Results

The surgical incision can be made vertically and placed laterally following the subcutaneous traction lines

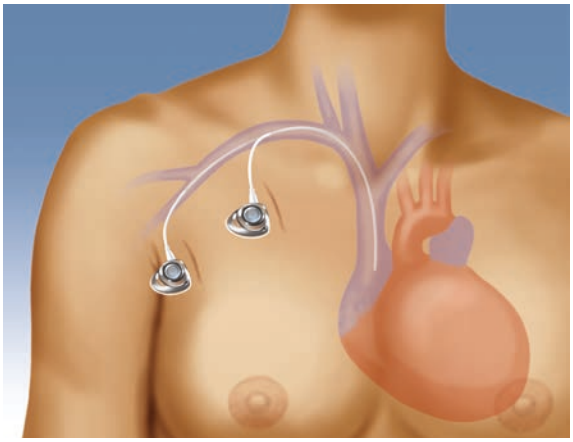
High pressure resistant

The complete range of venous Celsite® Epoxy ports is high pressure resistant up to 325 psi. This enables for power injections of contrast media in radiology, without the need for additional access and needlesticks.

Radiopaque CT Marking

Celsite® Epoxy offers radiopaque CT marking. With CT marking it is possible to identify the port as high pressure resistant in the x-ray image.

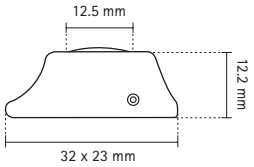
Catheter	Exit cannula	OD (F/mm)	ID (mm)	Length (mm)	Flow rate* (ml/min)		325 PSI Recommended maximum flow rates (mL/s) Contrast media at 37°C (325 psi = 22.4 bar)**						Implantation technique	Type	Reference	Accessories see page 32
							Viscosity 5.8 mPa.s (cP)			Viscosity 11.4 mPa.s (cP)						
					19 G	22 G	22 G	20 G	19 G	22 G	20 G	19 G				
Standard																
Silicone	left	8.5/2.8	1.1	800	28	13	2	6	7	1	4	6	Seldinger	STL201L	04430144	①
Silicone	right	8.5/2.8	1.1	800	28	13	2	6	7	1	4	6	Seldinger	STR201L	04430145	①
PUR	left	8.5/2.8	1.6	800	45	12	2	6	8	1	4	7	Seldinger	STL201H	04440201	①
PUR	right	8.5/2.8	1.6	800	45	12	2	6	8	1	4	7	Seldinger	STR201H	04440202	①
Small																
Silicone	left	6.5/2.2	1.1	800	24	10	2	5	8	1	4	6	Seldinger	STL205F	04430146	①
Silicone	right	6.5/2.2	1.1	800	24	10	2	5	8	1	4	6	Seldinger	STR205F	04430147	①
PUR	left	6.5/2.1	1.4	800	30	11	2	5	8	1	4	5	Seldinger	STL205P	04440203	①
PUR	right	6.5/2.1	1.4	800	30	11	2	5	8	1	4	5	Seldinger	STR205P	04440204	①



Standard and lateral placement of Celsite® Discreet with vertical incision.

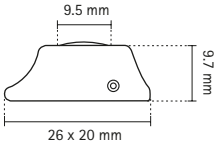
CT-Marking of Celsite® Discreet

Standard



Material:	Titanium | Epoxy
Weight:	7 g
Internal Volume:	0.5 mL

Small



Material:	Titanium | Epoxy
Weight:	4 g
Internal Volume:	0.25 mL

* Gravity flow rates established by gravity infusion of NaCl 0.9%, height 1m. Catheter length 40cm. According to ISO 10555-1.

** With a catheter of 20 cm and Surecan® Safety II. For countries under CE mark only.

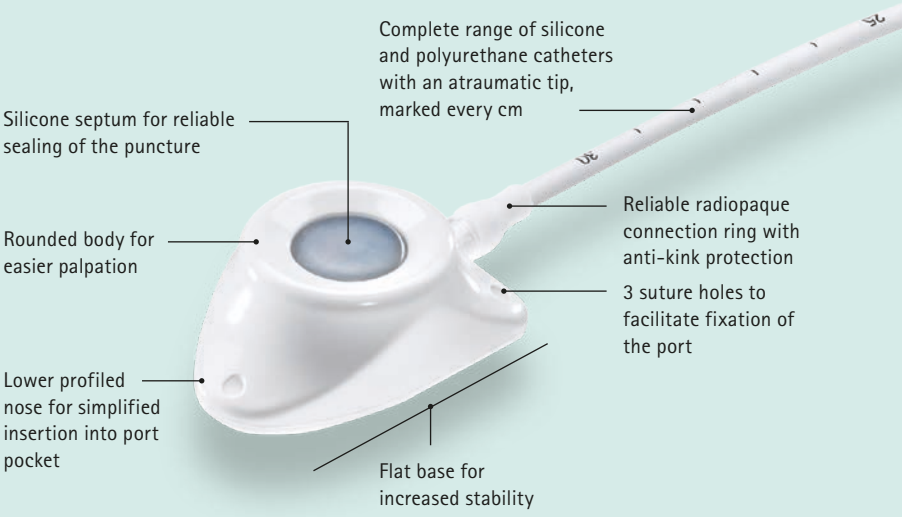
Celsite® PSU

Venous access ports for mid to long-term venous applications

Celsite® PSU ports are the standard venous access port range for any condition that requires mid to long-term intermittent or continuous central venous infusions.

This might include chemotherapy, antibiotic and anti-viral drugs, parenteral nutrition, blood sampling or transfusion.

Celsite® PSU has a polysulphone body with a titanium chamber and is high pressure resistant up to 325 psi (22.4 bar).

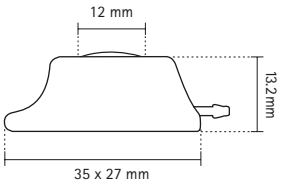


- Anatomic design and lower profiled nose for simplified insertion and patient comfort
- Available in standard and small size
- 3 suture holes to facilitate fixation of the port
- Large range of silicone and polyurethane catheters
- The radiopaque catheter is graduated from 5 cm in order to facilitate an easy, precise and reliable implantation
- MRI-conditional, Latex, DEHP and PVC free
- Resistant to high pressure injection up to 325 PSI (22.4 bar)

Catheter	OD (F/mm)	ID (mm)	Length (mm)	Flow rate* (ml/min)		325 PSI Recommended maximum flow rates (mL/s) Contrast media at 37°C (325 psi = 22.4 bar)**						Implantation technique	Type	Reference	Accessories see page 32/33
						Viscosity 5.8 mPa.s (cP)			Viscosity 11.4 mPa.s (cP)						
				19 G	22 G	22 G	20 G	19 G	22 G	20 G	19 G				
Standard															
PUR	5 /1.7	1.1	900	24	10	2	5	6	1	3	5	Braunule, Seldinger	ST301C	04432096	②
PUR	5 /1.7	1.1	370	24	10	2	5	6	1	3	5	OTW	ST3010TW	04433726	③
PUR	6.5 / 2.1	1.4	800	34	11	2	5	7	1	4	6	Seldinger	ST301P	04430441	①
PUR	6.5 / 2.1	1.4	800	34	11	2	5	7	1	4	6	Surgical cut-down	T301P	04430387	⑥
Silicone	6.5 / 2.2	1.0	800	26	10	2	6	7	1	4	5	Seldinger	ST301F	04430433	①
Silicone***	6.5 / 2.2	1.0	800	26	10	2	6	7	1	4	5	Seldinger	ST311F	04436717	①
Silicone	6.5 / 2.2	1.0	800	26	10	2	6	7	1	4	5	Surgical cut-down	T301F	04430000	⑥
Silicone	8.5 / 2.8	1.1	800	28	13	2	6	7	1	4	6	Seldinger	ST301	04430425	①
Silicone***	8.5 / 2.8	1.1	800	28	13	3	6	7	2	4	6	Seldinger	ST311	04436709	①
Silicone	8.5 / 2.8	1.1	800	28	13	2	6	7	1	4	6	Surgical cut-down	T301	04430018	⑥
PUR (high flow)	8.5 / 2.8	1.6	800	45	12	2	6	8	1	4	7	Seldinger	ST301H	04432460	①
PUR (high flow)	8.5 / 2.8	1.6	800	45	12	2	6	8	1	4	7	Surgical cut-down	T301H	04432452	⑥
PUR (high flow)***	8.5 / 2.8	1.6	800	45	12	2	6	8	1	4	7	Seldinger	ST311H	04436814	①
Silicone (high flow)	10 /3.2	1.6	800	47	13	2	6	9	1	4	6	Seldinger	ST301G	04433823	①
Small															
PUR	5 /1.7	1.1	900	22	10	2	5	7	1	3	5	Braunule, Seldinger	ST305C	04436962	②
PUR	6.5 / 2.1	1,4	800	30	11	2	5	8	1	4	5	Seldinger	ST305P	04436946	①
Silicone	6.5 / 2.2	1.0	800	24	10	2	5	8	1	4	6	Seldinger	ST305	04433750	①
Silicone***	6.5 / 2.2	1.0	800	24	10	2	5	8	1	4	6	Seldinger	ST315	04436725	①
Silicone	6.5 / 2.2	1.0	800	24	10	2	5	8	1	4	6	Surgical cut-down	T305	04436903	⑥
Silicone	8.5 / 2.8	1.1	800	25	10	2	5	8	1	3	6	Seldinger	ST305L	04436920	①
Silicone***	8.5 / 2.8	1.1	800	25	10	2	6	7	1	3	6	Seldinger	ST315L	04436710	①
PUR (high flow)	8.5 / 2.8	1.6	800	37	12	2	6	9	1	4	6	Seldinger	ST305H	04433556	①

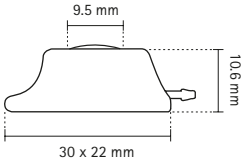
Celsite® PSU ports offer a wide range of silicone and PUR catheters combined with two different port sizes, Standard and Small.

Standard



Material: Titanium | Polysulphone
Weight: 9 g
Internal Volume: 0.5 mL

Small



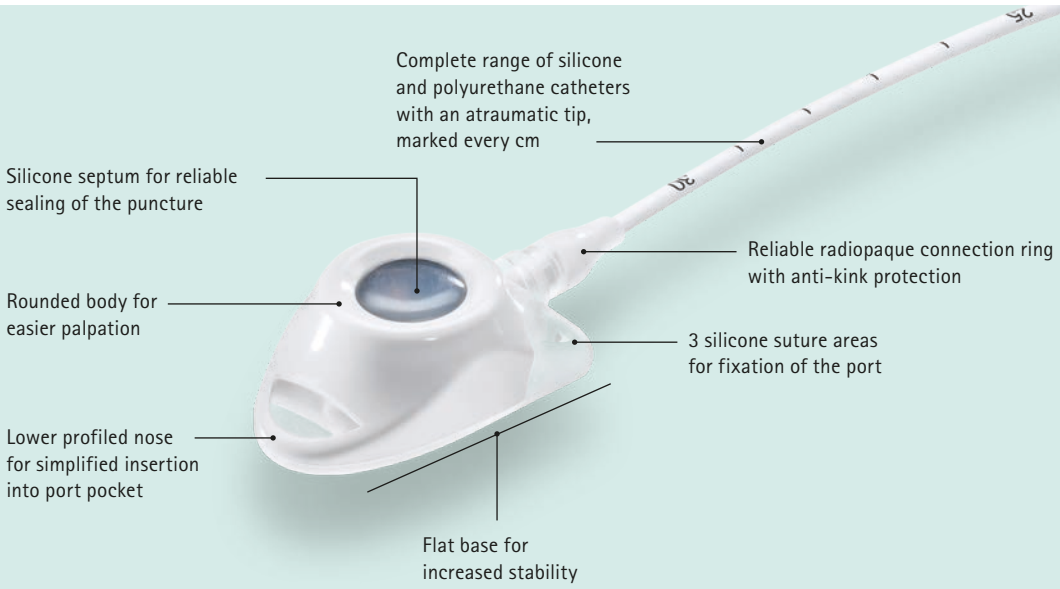
Material: Titanium | Polysulphone
Weight: 4.7 g
Internal Volume: 0.25 mL

* Gravity flow rates established by gravity infusion of NaCl 0.9%, height 1m. Catheter length 40cm. According to ISO 10555-1.
** With a catheter of 20 cm and Surecan® Safety II. For countries under CE mark only.
*** With pre-connected catheters.

Celsite® Concept

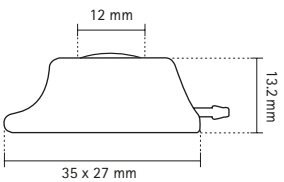
Venous access ports with specialized silicone suture areas

Power Injections
325 psi



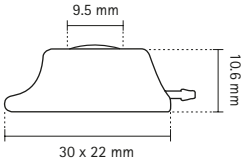
Catheter	OD (F/mm)	ID (mm)	Length (mm)	Flow rate* (ml/min)		325 PSI Recommended maximum flow rates (mL/s) Contrast media at 37°C (325 psi = 22.4 bar)**						Implantation technique	Type	Reference	Accessories see page 32/33
						Viscosity 5.8 mPa.s (cP)			Viscosity 11.4 mPa.s (cP)						
				19 G	22 G	22 G	20 G	19 G	22 G	20 G	19 G				
Standard															
Silicone	6.5/2.2	1.0	800	26	10	2	6	7	1	4	5	Seldinger	ST501F	04437024	①
Silicone	6.5/2.2	1.0	800	26	10	2	6	7	1	4	5	Surgical cut-down	T501F	04437021	⑥
Silicone	8.5/2.8	1.1	800	28	13	2	6	7	1	4	6	Seldinger	ST501	04437022	①
Small															
Silicone	6.5/2.2	1.0	800	24	10	2	5	8	1	4	6	Seldinger	ST505	04437027	①
Silicone	8.5/2.8	1.1	800	25	10	2	5	8	1	3	6	Seldinger	ST505L	04437029	①
PUR (high flow)	8.5/2.8	1.6	800	37	12	2	6	9	1	4	6	Seldinger	ST505H	04437028	①

Standard



Material: Titanium | Polysulphone | Silicone
Weight: 8.6 g
Internal Volume: 0.5 mL

Small



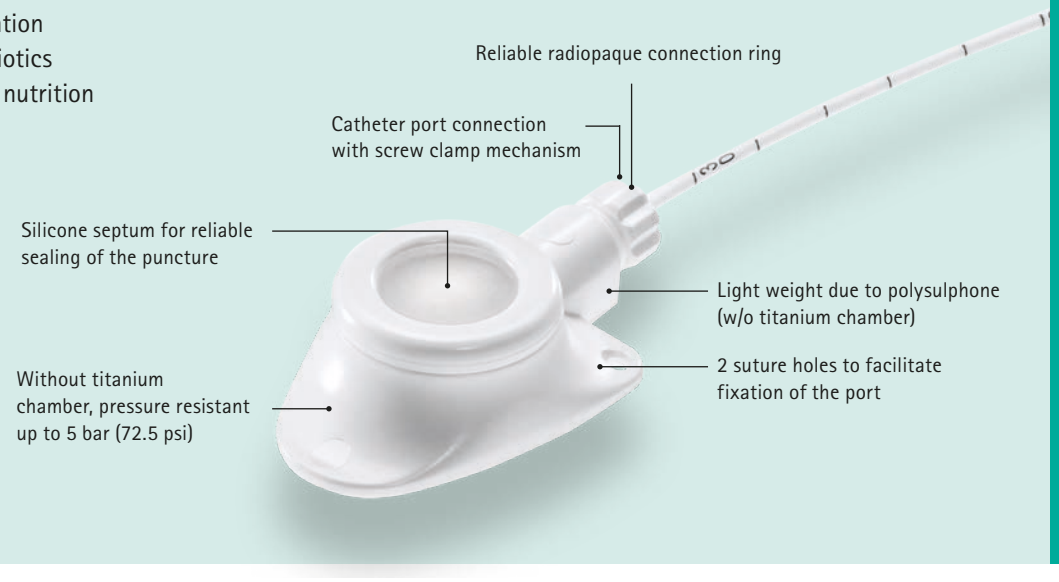
Material: Titanium | Polysulphone | Silicone
Weight: 4.6 g
Internal Volume: 0.25 mL

* Gravity flow rates established by gravity infusion of NaCl 0.9%, height 1m. Catheter length 40cm. According to ISO 10555-1.
** With a catheter of 20 cm and Surecan® Safety II. For countries under CE mark only.

Celsite® IMPLANTOFIX

Venous access ports with screw clamp connection

For repeated intra-venous administration of, for example, chemotherapy, antibiotics and anti-viral drugs, total parenteral nutrition (TPN), blood sampling or transfusion.

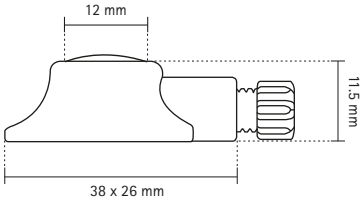


Catheter	OD (F/mm)	ID (mm)	Length (mm)	Flow rate* (ml/min)		Implantation technique	Type	Reference	Accessories see page 32/33
				19G	22G				
Standard									
PUR	5 / 1.7	1.1	700	22	10	Surgical cut-down	IMPLANTOFIX	04430263	⑥
PUR	5 / 1.7	1.1	370	22	10	Seldinger, OTW	IMPLANTOFIX	04438604	⑬
PUR	5 / 1.7	1.1	700	22	10	Braunule	IMPLANTOFIX	04438620	⑪
Silicone	6 / 2.0	1.2	600	26	11	Seldinger	IMPLANTOFIX S	04438704	⑫
Small									
PUR	5 / 1.7	1.1	370	22	10	Seldinger, OTW	IMPLANTOFIX	04438647	⑬
PUR	5 / 1.7	1.1	700	22	10	Braunule	IMPLANTOFIX	04438663	⑪
Silicone	6 / 2.0	1.2	600	26	11	Seldinger	IMPLANTOFIX S	04438747	⑫

All IMPLANTOFIX products contain:

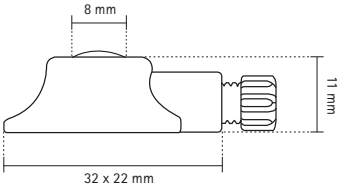
- 2 x Screw connectors
- 2 x Straight Surecan® 22G x 30 mm
- 1 x Spanner
- 1 x Vein lifter

Standard



Material: Polysulphone
Weight: 6 g
Internal Volume: 0.33 mL

Small



Material: Polysulphone
Weight: 4.3 g
Internal Volume: 0.15 mL

* Gravity flow rates established by gravity infusion of NaCl 0.9%, height 1m. Catheter length 40cm. According to ISO 10555-1.

Celsite® Double Port

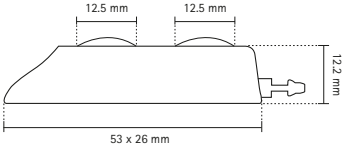
Specialized venous access ports with two separate port chambers for simultaneous infusion

Power Injections
325 psi

- For simultaneous infusion of e.g. incompatible drugs
- For infusion with high flow rates by using both lumina
- Administration of continuous infusion and bolus injection
- Alternating puncture sites
- Profiled shape to be easily placed in a small pocket
- Small size facilitates implantation in paediatric and underweight patients
- Off-set silicone catheter tip ensures that no mixing of drugs occurs at the catheter tip
- With radiopaque CT marking.

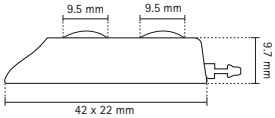
Catheter	OD (F/mm)	ID (mm)	Length (mm)	Flow rate* (ml/min)		325 PSI Recommended maximum flow rates (mL/s) Contrast media at 37°C (325 psi = 22.4 bar)						Implantation technique	Type	Reference	Accessories see page 32
						Viscosity 5.8 mPa.s (cP)			Viscosity 11.4 mPa.s (cP)						
				19G	22G	22G	20G	19G	22G	20G	19G				
Standard															
Silicone	10/3.2	1.2 x 2	800	32	11	2	5	8	1	4	6	Seldinger	ST401L	04430100	①
Small															
Silicone	10/3.2	1.2 x 2	800	29	11	2	5	8	1	4	6	Seldinger	ST405L	04430101	①

Standard



Material: Titanium | Epoxy
Weight: 14 g
Internal Volume: 0.5 mL x 2

Small



Material: Titanium | Epoxy
Weight: 7.5 g
Internal Volume: 0.25 mL x 2

* Gravity flow rates established by gravity infusion of NaCl 0.9%, height 1m. Catheter length 40cm. According to ISO 10555-1.
** With a catheter of 20 cm and Surecan® Safety II. For countries under CE mark only.

Celsite® Valved

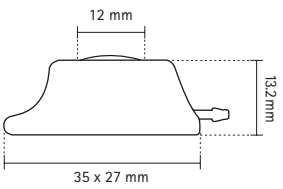
Venous PSU access ports with valved catheter tip

- For chemotherapy, administration of antibiotics, parenteral nutrition and blood sampling
- Allows easy infusion and aspiration
- Anti-Reflux radiopaque silicone catheter
- Distal 3-way valve

Conditions:

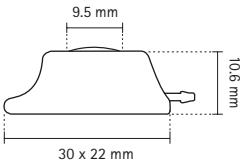
Catheter	OD (F/mm)	ID (mm)	Length (mm)	Flow rate* (ml/min)		Implantation technique	Type	Reference	Accesso-ries see page 32
				19G	22G				
Standard									
Silicone	7.5 / 2.5	1.5	800	30	11	Seldinger	ST301V	04430092	①
Small									
Silicone	7.5 / 2.5	1.5	800	27	10	Seldinger	ST305V	04430095	①

Standard



Material: Titanium | Polysulphone
Weight: 9 g
Internal Volume: 0.5 mL

Small



Material: Titanium | Polysulphone
Weight: 4.7 g
Internal Volume: 0.25 mL

* Gravity flow rates established by gravity infusion of NaCl 0.9%, height 1m. Catheter length 40cm. According to ISO 10555-1.

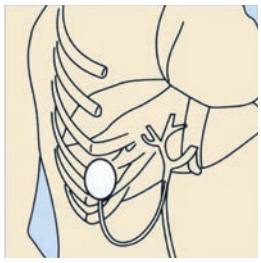
Celsite® Arterial

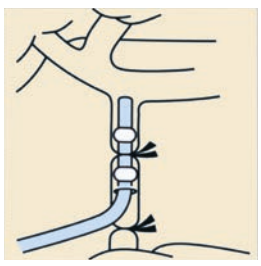
For loco-regional chemotherapy of liver tumours and hepatic artery infusion therapy (surgical implantation technique)

- For loco-regional chemotherapy of liver tumours and hepatic artery infusion therapies
- The access port is implanted at the base of the ribs, while the catheter is introduced into the *arteria gastroduodenalis* so that the catheter tip is located in the *arteria hepatica*
- The radiopaque silicone catheter has three rings to facilitate immobilisation of the catheter in the artery

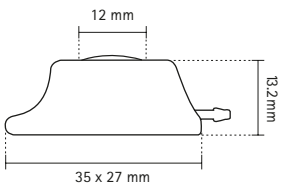
Accessories:
Every Access Port kit contains
- 2 Straight Surecan® needles 22G x 30 mm
- 1 vein lifter

Catheter	Access Port	OD (F/mm)	ID (mm)	Length (mm)	Flow rate* (ml/min)		Implantation technique	Type	Reference
					19G	22G			
Standard									
Silicone	Celsite® (Titanium/ Polysulphone)	6.5 / 2.2	1.0	800	26	10	Surgical cut-down	T302	04430042
PUR	IMPLANTOFIX® (Polysulphone)	5 / 1.7	1.1	700	22	10	Surgical cut-down	IMPLANTOFIX®	04438817**



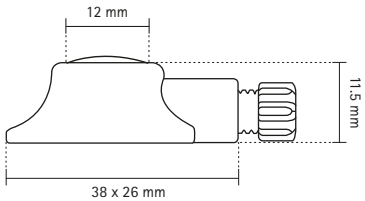


Celsite® Standard



Material: Titanium | Polysulphone
Weight: 9 g
Internal Volume: 0.5 mL

Celsite® IMPLANTOFIX® Standard



Material: Polysulphone
Weight: 6 g
Internal Volume: 0.33 mL

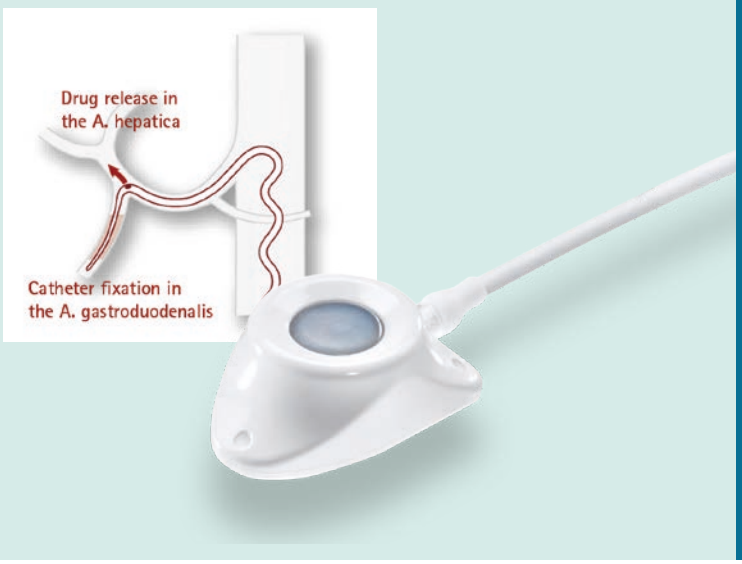
* Gravity flow rates established by gravity infusion of NaCl 0.9%, height 1m. Catheter length 40cm. According to ISO 10555-1.
** Polyurethane catheter with two rings.

Celsite® Anthron® Arterial

For loco-regional chemotherapy of liver tumours via a heparin covered polyurethane catheter (percutaneous implantation technique)

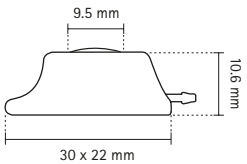
- The Anthron® catheter is specially designed for percutaneous access via the femoral or axillary artery.
  The catheter tip is fixed in gastroduodenal artery and the chemotherapy is administered through the side hole into the hepatic artery (HAIT).
- Anthron® is a hydrophilic polyurethane catheter to which heparin is ionically bound. It is particularly indicated to help prevent catheter occlusion and catheter-related thrombosis.

Accessories:
Every Access Port kit contains
- 1 tunneling rod
- 1 vein lifter
- 2 Straight Surecan® needles 22G x 30 mm
- 1 Winged Surecan 20G x 20 mm



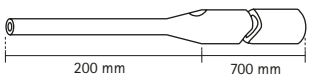
Catheter	OD (F)	OD (mm)	ID (mm)	Length (mm)	Flow rate* (ml/min)		Implantation technique	Type	Reference
					19G	22G			
Small									
Tapered PUR Anthron®	Non tapered portion 5F Distal tip 2.7F	1.7/0.9	1.1/0.5	Total 900 Tapered 200	22	10	Percutaneous	R305-A5ST	04442465

Celsite® Small



Material: Titanium | Polysulphone
Weight: 4.7 g
Internal Volume: 0.25 mL

Tapered catheter



* Gravity flow rates established by gravity infusion of NaCl 0.9%, height 1m. Catheter length 40cm. According to ISO 10555-1.

Celsite® Peritoneal

For loco-regional chemotherapy of peritoneal metastases and ovarian cancer

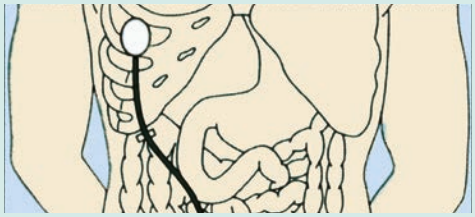
- For loco-regional chemotherapy of peritoneal metastases and ovarian cancer
- The access port is implanted at the base of the ribs and the catheter is placed at the required location inside the abdominal cavity
- The radiopaque silicone catheter with multiple perforations enables enhanced diffusion of infused drugs and reliable patency of the catheter

Accessories:

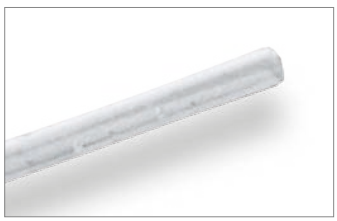
Every Access Port kit contains

- 2 Straight Surecan® needles 22G x 30 mm
- 1 vein lifter

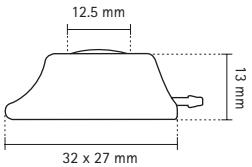
The implantation accessories kit AP16F can be ordered separately (Reference 4430493; see page 33).



Catheter	OD (F/mm)	ID (mm)	Length (mm)	Flow rate* (ml/min)		Implantation technique	Type	Reference
				19G	22G			
Standard								
Silicone	15 / 4.9	2.6	420	55	13	peritoneal	T203J	04430069



Standard



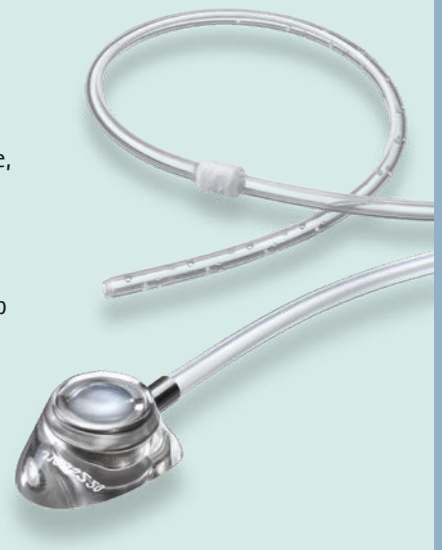
Material: Titanium | Epoxy
Weight: 10 g
Internal Volume: 0.5 mL

* Gravity flow rates established by gravity infusion of NaCl 0.9%, height 1m. Catheter length 40cm. According to ISO 10555-1.

Celsite® DRAINAPORT

For intra-peritoneal administration of chemotherapy, drainage of malignant ascites, or drainage of malignant pleural effusion

- For intra-peritoneal administration of chemotherapy, hydration, drainage of malignant ascites, or drainage of malignant pleural effusion
- Helps to avoid repeated, painful puncture for drainage
- Improves quality of life and is an easy and effective solution for home care treatment
- Celsite® DRAINAPORT can be implanted percutaneously or by surgical cut-down technique
- **Catheter cuff** promotes tissue ingrowth to reduce infection risk and holds the catheter in place
- **Connection** is enabled by the radiopaque titanium connection ring
- **Silicone septum** for reliable puncture
- **Anatomic design** with delta shape profile, light weight and easy to suture
- Smooth, large and flexible **multiperforated silicone catheter** with 49 oval holes (Ø 1.1 x 1.6 mm) from the tip up to 20 cm to prevent blockage of the catheter and enhance efficiency



Catheter	OD (F/mm)	ID (mm)	Length (mm)	Flow rate* (ml/min)		Implantation technique	Type	Reference
				19G	22G			
Standard								
Silicone	15/4.9	2.6	550	55	13	peritoneal / pleural	T203J-1	04430169

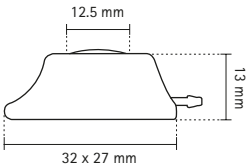
Accessories:
Every Access Port kit contains
- 2 Straight Surecan® needles 22G x 33 mm

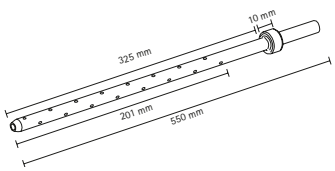
The implantation accessories kit AP16F can be ordered separately (Reference 4430493; see page 33).

B. Braun Drainage Kit is separately available.
It contains:
- 1 Pleuracan® double anti-reflux valve
- 1 Secretion bag 2.0l
- 1 Combifix® male/male Adapter

Reference: 5021571

Standard





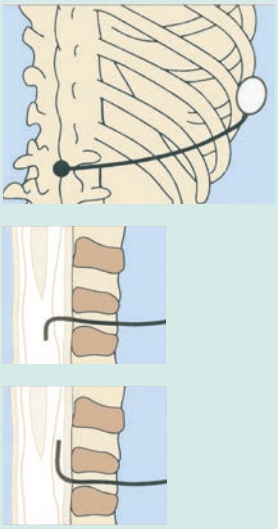
Material:	Titanium | Epoxy
Weight:	10 g
Internal Volume:	0.5 mL

* Gravity flow rates established by gravity infusion of NaCl 0.9%, height 1m. Catheter length 40cm. According to ISO 10555-1.

Celsite® Spinal

For spinal administration of pain relieving drugs

- For spinal administration of pain relieving drugs
- The catheter is tunneled under the skin to the access port, which is implanted at the base of the ribs
- Light weight and comfortable
- Profiled shape design facilitates insertion
- Integrated titanium filter prevents the passage of particles



Catheter

Every Access Port kit contains 2 catheters:

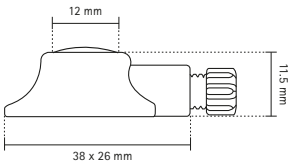
- 1 multiperforated closed tip polyamide catheter (PA)
- 1 open tip polyurethane catheter (PUR) with a Teflon®-coated guide wire

Catheter	OD	OD (mm)	ID (mm)	Length (mm)	Flow rate* (ml/min)		Implantation technique	Type	Reference
					19G	22G			
Standard									
PUR and PA	19G	1.05	0.6	1000	3	3	spinal/epidural	ST304-19	04430096
PUR and PA	20G	0.86	0.45	1000	1	1	spinal/epidural	ST304-20	04430097

Accessory kit:

- Screw connector (2x)
- Spanner
- Anti-kink device (2x)
- Tunneling rod
- Winged Surecan® needle 20G x 20 mm
- Omnifix® syringe 10 mL
- Perican® Tuohy needle 16G (ST304-19) or Tuohy needle 18G (ST304-20)
- Perifix® 0.2 µm filter
- Scalpel size 10 and 11
- Sterican® needle 20G x 70 mm
- Perifix® LOR syringe
- Straight Surecan® 22G x 30 mm (2x)

Standard



Material: Polysulphone | Titanium-Filter
Weight: 6g
Internal Volume: 0.33 mL

* Gravity flow rates established by gravity infusion of NaCl 0.9%, height 1m. Catheter length 40cm. According to ISO 10555-1..

MR Compatibility and High Pressure Resistance

Celsite®

MR-Conditional

Non-clinical testing demonstrated that Celsite® Access Ports and Surecan®/Cytocan® port needles (including Safety II) are MR Conditional. A patient with these devices can be scanned immediately after placement under the following conditions:

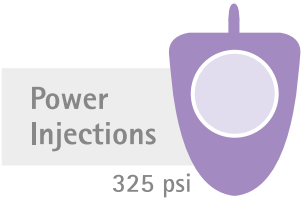
- Static magnetic field of 3-Tesla and 1.5-Tesla
- Maximum spatial gradient magnetic field of 710 Gauss/cm or less
- Maximum whole body averaged specific absorption rate (SAR) of 2.9 W/kg for 15 minutes of scanning

MR image quality may be compromised if the area of interest is in the exact same area or relatively close to the position of the devices. Therefore, optimization of MR imaging parameters to compensate for the presence of these devices may be necessary.

Please see instructions for use for general information and information on MRI-related heating.

Pressure Resistance

All venous Celsite® Access Ports with titanium chamber or a titanium plate are resistant to high pressure injection up to 325 psi / 22.4 bar (except for valved catheters and Celsite® Implantofix).



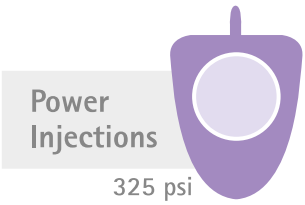
Please see instructions for use for detailed device information regarding high pressure injection.

Material

All Celsite® Access Ports are latex-, PVC- and DEHP-free.
All Surecan®/Cytocan® needles are latex- and DEHP-free.

Surecan® Safety II

High pressure resistant non-coring safety needle for access ports

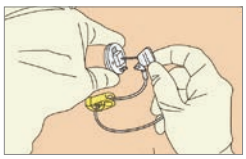


Surecan® Safety II is the power injectable access port needle with an easy to use safety mechanism for reduced risk of needlestick injuries.

The small size and innovative design of Surecan® Safety II enables comfort for both clinicians and patients, either in hospital or for home care treatment.

User safety

Intuitive safety mechanism for reduced risk of needlestick injuries



Patient comfort

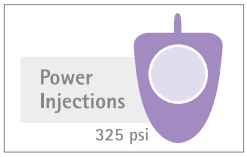
Low profile and foam pad for better patient comfort

Handling

Flexible and ergonomic wings for reliable handling

Power injections

Suitable for power injections up to 325 psi



For more information on the risks and prevention of needlestick injuries:

www.safeinfusiontherapy.com

Surecan® Safety II non-coring safety needle

- tubing length cannula to connector: 200 mm

Size	Cannula diameter (mm)	Cannula length (mm)	Sales unit (pcs.)	Reference
G 19	1.1	12	20	04447042
G 19	1.1	15	20	04447000
G 19	1.1	20	20	04447001
G 19	1.1	25	20	04447002
G 19	1.1	32	20	04447003
G 19	1.1	38	20	04447004
G 20	0.9	12	20	04447043
G 20	0.9	15	20	04447005
G 20	0.9	20	20	04447006
G 20	0.9	25	20	04447007
G 20	0.9	32	20	04447008
G 20	0.9	38	20	04447009
G 22	0.7	12	20	04447044
G 22	0.7	15	20	04447010
G 22	0.7	20	20	04447011
G 22	0.7	25	20	04447012
G 22	0.7	32	20	04447013

Surecan® Safety II non-coring safety needle with pre-connected Caresite® and Y-site

- Y-site configuration
- tubing length Y-site to connector: 98 mm
- tubing length cannula to Y-site: 105 mm
- Caresite® is a needle-free, positive pressure valve which reduces the risk of blood reflux

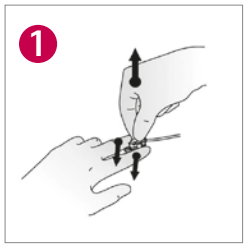
Size	Cannula diameter (mm)	Cannula length (mm)	Sales unit (pcs.)	Reference
G 19	1.1	12	20	04447057
G 19	1.1	15	20	04447045
G 19	1.1	20	20	04447046
G 19	1.1	25	20	04447047
G 19	1.1	32	20	04447048
G 19	1.1	38	20	04447049
G 20	0.9	12	20	04447058
G 20	0.9	15	20	04447050
G 20	0.9	20	20	04447051
G 20	0.9	25	20	04447052
G 20	0.9	32	20	04447053
G 22	0.7	12	20	04447059
G 22	0.7	15	20	04447054
G 22	0.7	20	20	04447055
G 22	0.7	25	20	04447056

Easy removal

1. Stabilise the needle base on the port
2. Firmly pull the wings up until you hear a "Click"

● Green dot and audible click clearly indicate the safety mechanism was executed

- Non-absorbant closed-cell foam pad of the patient plate
- MR conditional, Latex and DEHP free

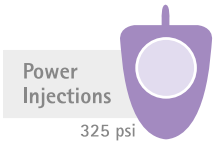


Access Port Needles

Winged Surecan® | Cytocan®

Winged Surecan® non-coring needle

- use for long-term infusions
- high pressure resistant up to 325 psi (22.4 bar)
- flexible wings for easier puncture and fixation
- latex- and DEHP-free
- extension tubing with clamp
- tubing length cannula to connector: 200 mm



Size	Cannula diameter (mm)	Cannula length (mm)	Sales unit-pcs.	Reference
19G	1.1	15	15	04448286
19G	1.1	20	15	04448294
19G	1.1	25	15	04448308
20G	0.9	15	15	04448332
20G	0.9	20	15	04448340
20G	0.9	25	15	04448359
20G	0.9	30	15	04448367
22G	0.7	12	15	04448375
22G	0.7	15	15	04448383
22G	0.7	20	15	04448391
22G	0.7	25	15	04448405

Winged Surecan® non-coring needle with Y-site

- use for long-term infusions
- flexible wings for easier puncture and fixation
- latex- and DEHP-free
- tubing length Y-site to connector: 98 mm
- tubing length cannula to Y-site: 105 mm
- Y-site configuration

Size	Cannula diameter (mm)	Cannula length (mm)	Sales unit-pcs.	Reference
19G	1.1	20	15	04448430
19G	1.1	25	15	04448448
20G	0.9	15	15	04448472
20G	0.9	20	15	04448480
20G	0.9	25	15	04448499
22G	0.7	15	15	04448529
22G	0.7	20	15	04448537
22G	0.7	25	15	04448545
22G	0.7	30	15	04448553

Cytocan® non-coring needle with fixation base

- use for long-term infusions
- flexible, transparent fixation base for reliable deployment
- latex-, PVC- and DEHP-free
- extension tubing with clamp
- tubing length cannula to connector: 250 mm

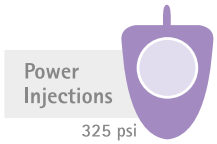
Size	Cannula diameter (mm)	Cannula length (mm)	Sales unit-pcs.	Reference
19G	1.1	15	25	4438035
19G	1.1	20	25	4438019
19G	1.1	25	25	4438027
20G	0.9	15	25	4439759
20G	0.9	20	25	4439767
20G	0.9	25	25	4439775
22G	0.7	15	25	4439694
22G	0.7	20	25	4439635
22G	0.7	25	25	4439686

Access Port Needles

Angled Surecan® | Straight Surecan®

Angled Surecan® non-coring needle

- use for short-term infusions
- latex-, PVC- and DEHP-free



Size	Cannula diameter (mm)	Cannula length (mm)	Sales unit-pcs.	Reference
19 G	1.1	15	50	04438000
19 G	1.1	20	50	04439430
19 G	1.1	25	50	04439406
20 G	0.9	15	50	04439929
20 G	0.9	20	50	04439937
20 G	0.9	25	50	04439945
20 G	0.9	35	50	04434862
22 G	0.7	15	50	04439813
22 G	0.7	20	50	04439821
22 G	0.7	25	50	04439830
22 G	0.7	35	50	04434870

Straight Surecan® non-coring needle

- use for bolus injection or flushing of the Access Port
- latex-, PVC- and DEHP-free

Size	Cannula diameter (mm)	Cannula length (mm)	Sales unit-pcs.	Reference
20 G	0.9	40	100	04439953
20 G	0.9	70	100	04439998
20 G	0.9	90	100	04440000
22 G	0.7	30	100	04439848
24 G	0.55	25	100	04439414

Celsite® PICC-Cel

Peripherally Inserted Central venous polyurethane Catheter
for short to long-term drug infusion therapy

For short to long term central venous access

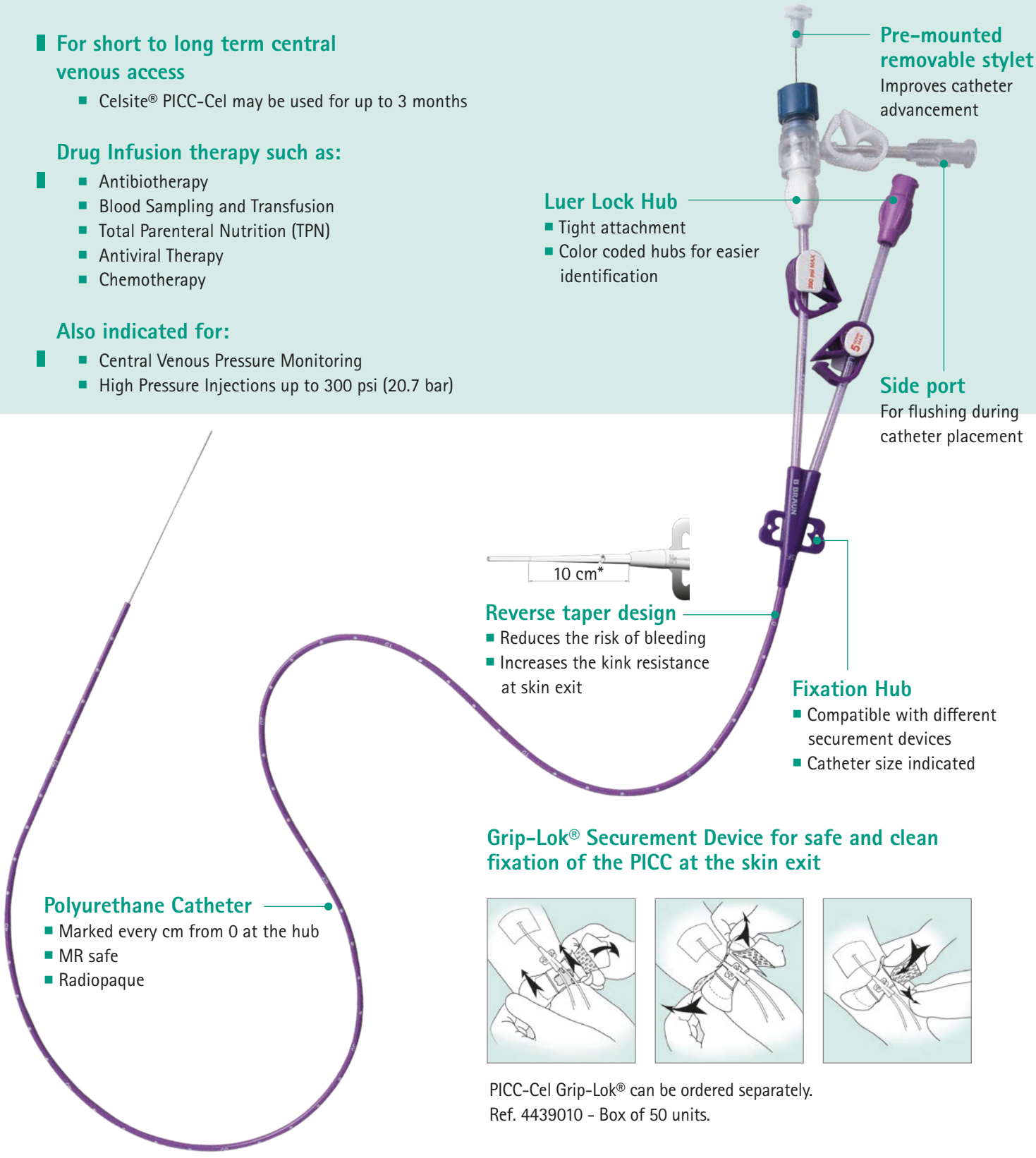
- Celsite® PICC-Cel may be used for up to 3 months

Drug Infusion therapy such as:

- Antibiotherapy
- Blood Sampling and Transfusion
- Total Parenteral Nutrition (TPN)
- Antiviral Therapy
- Chemotherapy

Also indicated for:

- Central Venous Pressure Monitoring
- High Pressure Injections up to 300 psi (20.7 bar)



Pre-mounted removable stylet
Improves catheter advancement

Luer Lock Hub
- Tight attachment
- Color coded hubs for easier identification

Side port
For flushing during catheter placement

Reverse taper design
- Reduces the risk of bleeding
- Increases the kink resistance at skin exit

Fixation Hub
- Compatible with different securement devices
- Catheter size indicated

Polyurethane Catheter
- Marked every cm from 0 at the hub
- MR safe
- Radiopaque

Grip-Lok® Securement Device for safe and clean fixation of the PICC at the skin exit

PICC-Cel Grip-Lok® can be ordered separately.
Ref. 4439010 - Box of 50 units.

Celsite® PICC-Cel Implantation Accessories – Safe and Comfortable Handling

21 G x 70 mm echogenic safety puncture needle for needle tip location via ultrasound

Safety scalpel E11

Caresite® needleless access connector

4.5 F, 5.5 F, 6.5 F x 7 cm peelable introducer for better peripheral access

Stainless steel guidewire & nitinol guidewire, available in 45 cm and 130 cm

Grip-Lok® Securement Device

10 ml Omnifix® Luer Slip syringe

Tape measure for catheter measurement and trimming

Lumen	Size	Catheter Length	Guidewire Material	Guidewire Length	Reference Number
1	4 F	51 cm	Stainless Steel	Short	**04434080**
				Long	**04434081**
			Nitinol	Short	**04434082**
				Long	**04434083**
	5 F	61 cm	Stainless Steel	Short	**04434084**
				Long	**04434085**
			Nitinol	Short	**04434086**
				Long	**04434087**
2	5 F	56 cm	Stainless Steel	Short	**04434088**
				Long	**04434089**
			Nitinol	Short	**04434090**
				Long	**04434091**
		46 cm	Stainless Steel	Short	**04434096***
				Long	**04434097***
			Nitinol	Short	**04434098***
				Long	**04434099***
	6 F	61 cm	Stainless Steel	Short	**04434092**
				Long	**04434093**
			Nitinol	Short	**04434094**
				Long	**04434095**

* Length = 46 cm. 5 ml/sec may only be reached if the catheter is trimmed to a length of 46 cm or less. If the catheter length is 56 cm, the maximum flow rate achievable is 4 ml/sec.

Recommended maximum flow rates (mL/s)

Celsite® Access Port Systems

with Angled Surecan® needle and Winged Surecan® needle
without Y-site (except Celsite® Safety)

Celsite® type		Contrast media at 37°					
		Viscosity 5.8 mPa.s (cP)			Viscosity 11.4 mPa.s (cP)		
		Needle size			Needle size		
		22 G	20 G	19 G	22 G	20 G	19 G
Celsite® Baby/ Brachial	Babyport®	2	4	-	1	3	-
	Brachial	2	4	-	1	3	-
	Babyport® S	2	4	-	2	4	-
Double Port	ST405L	2	5	6	2	4	6
Celsite® Small	STL205P – STR205P	2	4	6	2	3	5
	ST205P – ST305P	2	4	6	2	3	4
	ST305C	2	4	5	1	3	4
	T/ST305 – T/ST205 – ST505 – ST315 – ST215 – ST205F ECG	2	4	5	2	3	4
	STL205F – STR205F	2	4	5	2	3	4
	ST305L – ST505L – ST205ECG – ST315L – ST205L	2	4	5	2	3	5
	ST205H – ST305H – ST505H	2	5	7	2	4	6
Double Port	ST401L	2	5	7	2	4	6
Celsite® Standard	ST301C – ST501C – ST201C – ST3010TW	2	5	6	2	4	5
	T/ST301F – ST201F ECG – T/ST201F – T/ST501F - ST311F	2	5	6	2	4	6
	T/ST301P – ST201P	2	5	6	2	4	6
	T/ST301 – ST311 – T/ST201 – T/ST501 – ST201ECG	2	5	6	2	4	6
	STL201L – STR201L	2	5	6	2	4	6
	ST201H – T/ST301H – ST311H – ST501H	2	5	7	2	5	7
	STL201H – STR201H	2	5	7	2	5	7
	ST301G – ST201G – ST501G	2	5	8	2	5	7

Recommended maximum pressure (CT function) - 325 psi (22.4 bar)
Flow rates may vary depending on temperature of contrast media and length of the implanted catheter.
Flow rates established with a catheter of 20 cm.
For flow rates of Surecan® Safety II, please refer to concerned Access Port product pages.

Celsite® Access Port Systems

Indication	Catheter	OD	Catheter material	Access Port type	Dead volume port	Dead volume catheter (mL/cm)
VENOUS	Small catheters	5 F	Polyurethane	ST201C	0.50 mL	0.010 mL
				ST301C, ST301OTW, ST501C		
				ST305C	0.25 mL	
				4430263, 4438604, 4438620 (Implantofix)	0.33 mL	
				4438647, 4438663 (Implantofix)	0.15 mL	
				SST605C	0.30 mL	0.009 mL
		6.5 F	Polyurethane	ST201P, T301P, ST301P	0.50 mL	0.015 mL
				ST305P, STL205P, STR205P	0.25 mL	
				T601P, SST601P	0.50 mL	
				SST605P	0.30 mL	
		6 F	Silicone	4438704 (Implantofix)	0.33 mL	0.011 mL
				4438747 (Implantofix)	0.15 mL	
		6.5 F	Silicone	T201F, ST201F, T301F, ST301F, ST311F*, T501F, ST501F, ST201F ECG	0.50 mL	0.008 mL
				T205, ST205, ST215*, T305, ST305, ST315*, ST505	0.25 mL	
				T601F, SST601F	0.50 mL	0.009 mL
				T605F, SST605F	0.30 mL	
	Large and high flow catheters	8.5 F	Silicone	T201, ST201, T301, ST301, ST311*, ST501, STL201L, STR201L	0.50 mL	0.010 mL
				ST305L, ST505L	0.25 mL	
				T601L, SST601L	0.5 mL	0.011 mL
				SST605L	0.3 mL	
		8.5 F	Polyurethane	ST201H, T301H, ST301H, ST311H*, STL201H, STR201H	0.50 mL	0.020 mL
				ST305H, ST505H	0.25 mL	
				T601H, SST601H	0.50 mL	
				SST605H	0.3 mL	
		10 F	Silicone	ST201G, ST301G	0.50 mL	0.020 mL
				SST601G	0.50 mL	
SPECIALITY VENOUS	Small catheters	4.5 F	Polyurethane	Babyport®	0.15 mL	0.005 mL
		5 F	Polyurethane	Brachial	0.15 mL	0.010 mL
		6 F	Silicone	Babyport® S	0.15 mL	0.011 mL
		6.5 F	Silicone	STR205F, STL205F, ST205F ECG	0.25 mL	0.008 mL
	Large and high flow catheters	8.5 F	Silicone	STR201L, STL201L, ST201 ECG	0.50 mL	0.010 mL
				ST205ECG	0.25 mL	
	Valved catheters	7.5 F	Silicone	ST301V	0.50 mL	0.018 mL
				ST305V	0.25 mL	
	Double port catheters	10 F	Silicone	ST401L	0.50 mL x 2	0.013 mL
				ST405L	0.25 mL x 2	
OTHER SPECIA-LITIES	Small arterial catheters	5 F	Polyurethane	4438817	0.33 mL	0.010 mL
		6.5 F	Silicone	T302	0.50 mL	0.008 mL
	Peritoneal catheters	15 F	Silicone	T203J, T203J-1	0.50 mL	0.053 mL
	Spinal/epidural catheters	19 G	Polyamide and polyurethane	ST304-19	0.33 mL	0.003 mL
		20 G		ST304-20		0.002 mL

* Pre-connected Access Port Systems

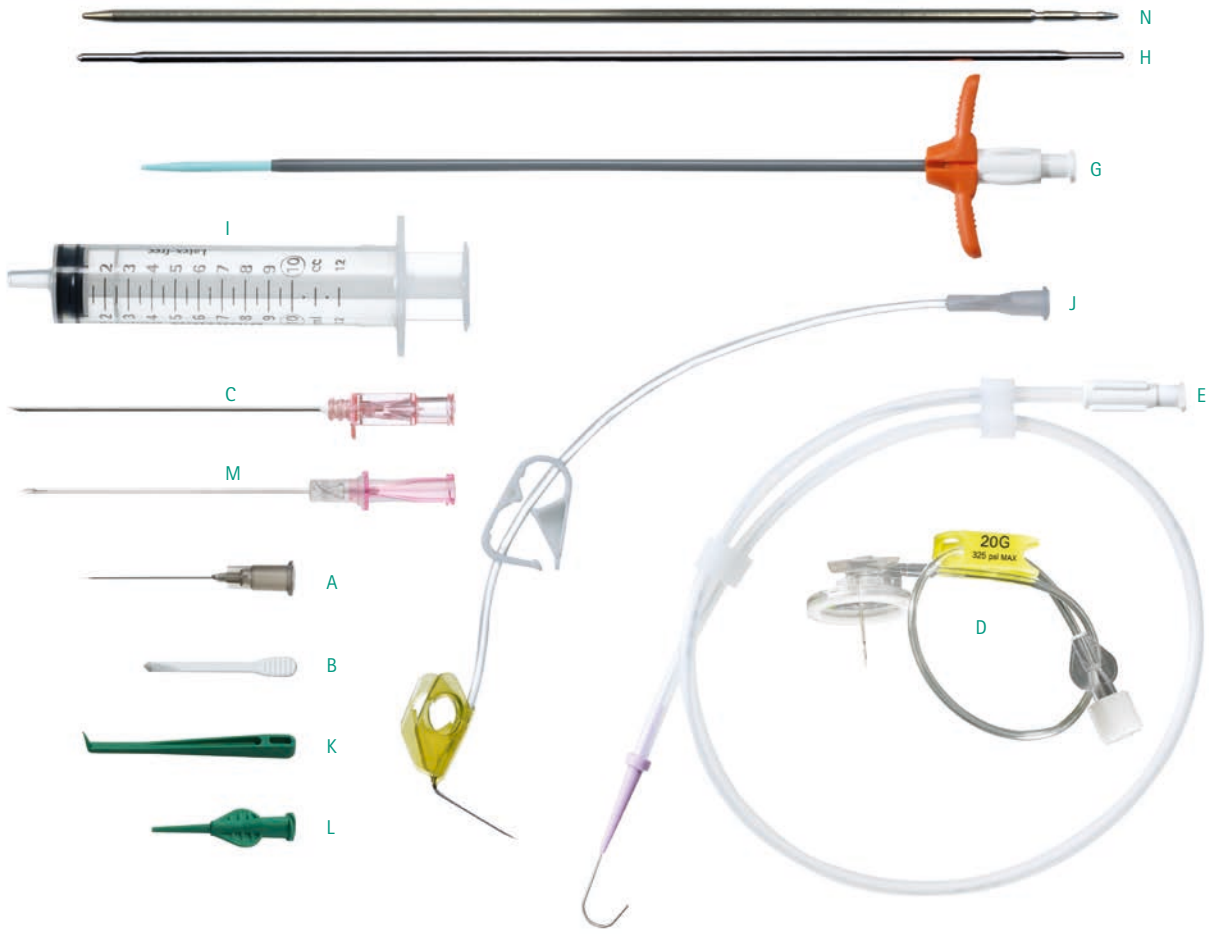
Type Declaration:

Accessories	Exit Cannula Orientation	Housing Material / Suture Holes	Connection	Indication	Catheter	Technique
SST = Safety Seldinger Equipment	R = right cannula exit	2 = Epoxy housing	0 = w. separate connection rings	1= Venous (std)	C = PUR; 5F	OTW = Over the Wire
ST = Seldinger Equipment	L = left cannula exit	3 = PSU housing w. empty suture holes	1 = pre connected	2= Arterial	F = Si; 6.5F	ECG = ECG implantation technique
T = Surgical Cut-Down		4 = Epoxy Double housing		3= Peritoneal & pleural	L = Si; 8.5F	
		5 = PSU housing w. Silicone suture areas		4= Spinal	P = PUR; 6.5F	
		6 = PEEK housing w. suture holes		5= Venous (small)	H = PUR; 8.5F	
					G = Si; 10F	
					V = Si Valved; 7.5F	

Accessories

Venous accessories

		Implantation technique	Percutaneous					
			Seldinger		OTW		Seldinger/Braunule	Braunule
Pieces		Kit designation	Kit ①	Kit ⑫	Kit ③	Kit ⑬	Kit ②	Kit ⑪
2	A	Straight Surecan® needles	22 G x 30 mm	22 G x 30 mm	22 G x 30 mm	22 G x 30 mm	22 G x 30 mm	22 G x 30 mm
1	B	Vein lifter	x	x	x	x	x	x
1	C	Puncture needle	18 G x 70 mm	18 G x 70 mm	18 G x 70 mm	18 G x 70 mm	18 G x 70 mm	
1		Splittocan needle					14 G x 80 mm	14 G x 80 mm
1	E	J guide wire with dispenser	0.035" x 50 cm	0.035" x 50 cm	0.035" x 70 cm	0.035" x 70 cm	0.035" x 50 cm	
1	F	Dilator			6F x 100 mm	6F x 100 mm		
1	G	Tear-away introducer	L 180 / 140 mm	L 180 / 140 mm			L 180 / 140 mm	
1	H	Tunnelling rod	x	x	x	x	x	x
1	I	Omnifix® luer syringe	10 mL	10 mL	10 mL	10 mL	10 mL	10 mL
1	J	Winged Surecan® needle	20 G x 20 mm		20 G x 20 mm		20 G x 20 mm	



Accessories

Venous accessories

		Implantation technique	Surgical Cut-down		Percutaneous			
					OTW	Seldinger		ECG
Pieces		Kit designation	Kit ⑥	Kit ⑭	Kit ⑩ (Brachial)	Kit ④ (Baby)	Kit ⑤ (Baby)	Kit ⑨
2	A	Straight Surecan® needles	22 G x 30 mm	22 G x 30 mm	22 G x 30 mm	22 G x 30 mm	22 G x 30 mm	22 G x 30 mm
1	B	Vein lifter	x	x	x	x	x	x
1	C	Puncture needle			18 G x 70 mm	20 G x 50 mm	18 G x 70 mm	18 G x 70 mm
1		Introcan needle				20 G x 32 mm		
1	E	J guide wire with dispenser		0.035" x 70 cm	0.035" x 150 cm	0.025" x 50 cm	0.035" x 50 cm	0.035" x 70 cm
1	F	ECG cable		x				x
1	G	Tear-away introducer/ Dilator			L 180/140 mm	L 80/50 mm	L 180/140 mm	180/140 mm
1	H	Tunnelling rod			x	x	x	x
1	I	Omnifix® luer syringe		10 mL	10 mL	10 mL	10 mL	10 mL
1	J	Winged Surecan® needle			22 G x 15 mm	22 G x 15 mm	22 G x 15 mm	20 G x 20 mm

		Implantation technique		
			Seldinger	Surgical cut-down
Pieces		Kit designation	Kit ⑦	Kit ⑧
1	A	Straight Surecan®	22G x 30mm	22G x 30mm
1	K	Vein lifter	x	x
1	L	Rinsing Hub	x	x
1	M	Safecan® Safety	18G x 70mm	-
1	E	J Guide Wire with Dispenser	0.035" x 50cm	-
1	G	Tear-away Introducer	180/140mm	-
1	N	Tunnelling Rod	x	-
1	I	Omnifix® Luer Syringe	10 mL	-
1	D	Surecan® Safety II	20 G x 20 mm	-

Separate accessory kits

		Reference	04430483	04430484	04430492	04430493
Pieces		Kit designation	AP 6F	AP 7F	AP 9F	AP 16F
1	C	Puncture needle	20 G x 50 mm	18 G x 70 mm	18 G x 70 mm	18 G x 70 mm
1		Introcan needle	20G x 32 mm			
1	E	J guide wire with dispenser	0.025" x 50 cm	0.035" x 50 cm	0.035" x 50 cm	0.035" x 40 cm
1	G	Tear-away introducer/ Dilator	6F, short (80/50 mm)	7F x180/140 mm	9F x180/140 mm	16F with dilator 12F-14F
1	H	Tunnelling rod	x	x	x	x
1	B	Vein lifter	x	x	x	
1	I	Omnifix luer syringe	10 mL	10 mL	10 mL	10 mL
1	J	Winged Surecan® needle	22 G x 15 mm	20 G x 20 mm	20 G x 20 mm	19 G x 25 mm

Customized Add-on kits Access Ports

B. Braun offers individual add-on kits which contain an organized array of disposable components for your specific port implantation procedure.

B. Braun customised add-on kits save procedural time since they facilitate a quick and easy setup and cleanup.

B. Braun customised add-on kits are cost effective by simplifying your purchasing and accounting procedures and by consolidating components in one affordable kit.

B. Braun customised add-on kits mean:

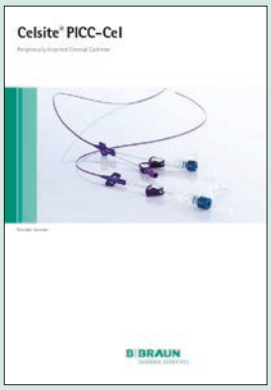
- Custom made kit solutions
- All components in one kit
- Less preparation time
- More time for the patient
- Compact storage size
- Reduced waste volume
- Known and same quality
- One supplier contact

Service for your information

Celsite® Safety
Ref. number: 6050340

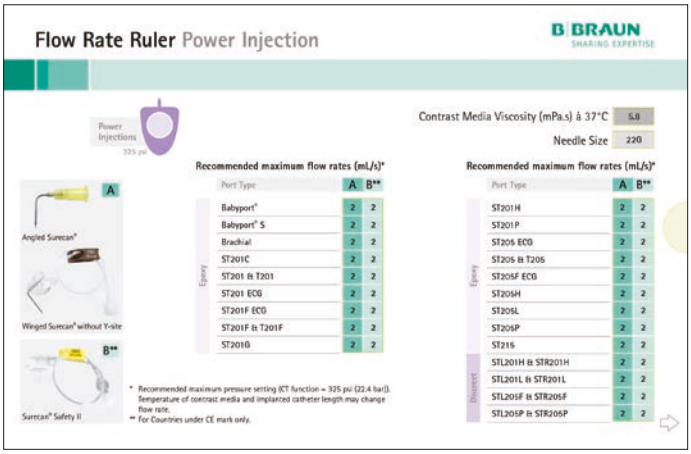
Celsite® Access Ports Nursing Guidlines
Ref. number: 6050198

Celsite® Access Ports Patient Guide
Ref. number: 6050189



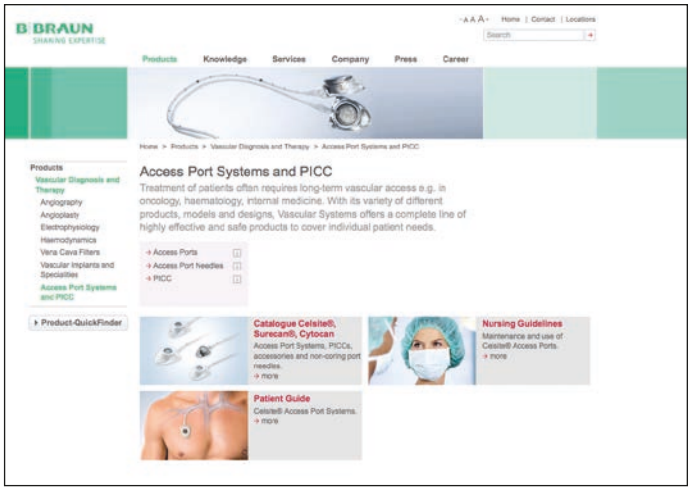
Celsite® PICC-Cel
Ref. number: 6050350

Celsite® PICC-Cel Nursing Guidelines
Ref. number: 6050351



High Pressure Ruler, Ref. number: 6050300

DVD "Implatation Techniques", Ref. number: 6050213



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