pfmmedical
Quality and Experience

Port systems

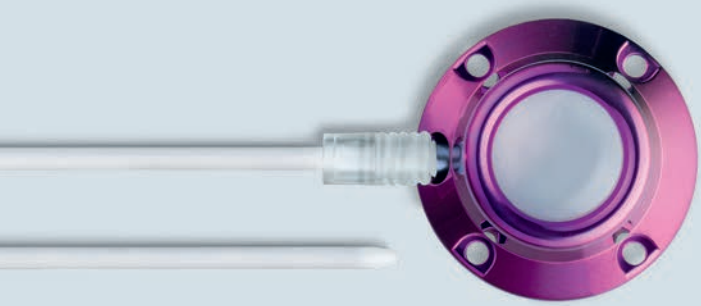
- TitaJet™ light II Contrast
- Jet Port® Plus II Contrast
- DualPort Contrast
- TitaJet™ light Low Profile Contrast
- T-Port Contrast
- T-Port Low Profile Contrast
- TitaJet™ light
- Jet Port® Plus
- T-Port
- T-Port Low Profile

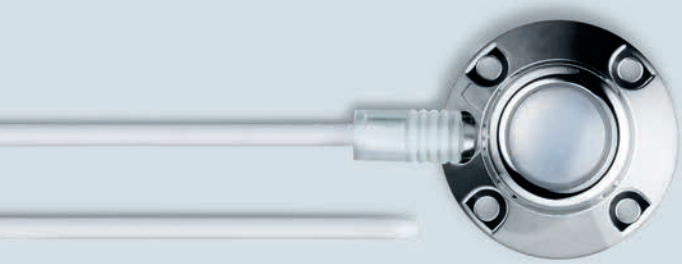
Huber needle

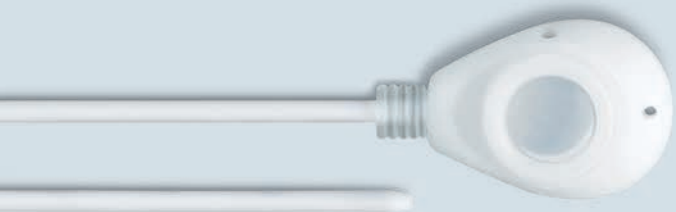
- EZ Huber™
- JetCan™

The implantable port systems of pfm medical ag meet, together with the EZ Huber™ safety infusion set, the high demands of users and patients: safety, quality and selection from a broad portfolio.

www.pfmmedical.com





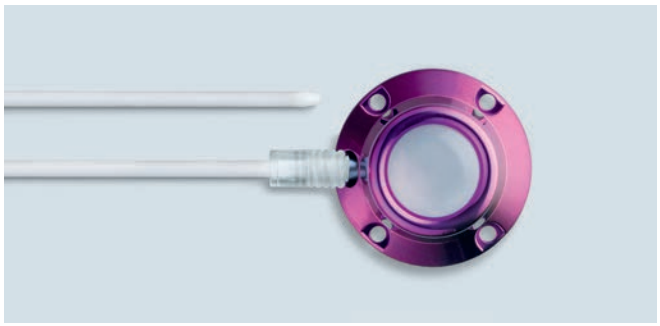


The implantable port systems of pfm medical ag meet, together with the EZ Huber™ safety infusion cannula, the high demands of users and patients: safety, quality and selection from a broad portfolio.

Port systems »Contrast«

The high-pressure port systems of the product series »Contrast« represent the latest development in the field of implantable port systems. These systems allow, besides the application of common substances for chemotherapy and parenteral nutrition, the high-pressure application e.g. of contrast mediums during a follow-up examination of the tumour within the framework of the so-called staging for examinations in computed tomography. The well-known and proven advantages of implantable port systems are thereby enriched with another diagnostic possibility. These offer users and patients a high level of comfort and safety and set new standards.

View



Details

- High pressure-resistant catheter made of biostable, implantation-tested polyurethane (PU)
- Radiopaque catheter
- Vessel-friendly atraumatic catheter tip
- Connectable catheter
- Highly compressed silicone membrane for secure closing of septum and secure holding of puncturing needle
- Well-palpable septum for safe identification of the puncture site
- Latex-, DEHP- and PVC-free

Knowledge

The required flow rate and pressure stability (during injection of contrast medium for CT examination) can be guaranteed with the 19 G (1,1 mm) Huber needle of the JetCan™ series as well as the safety infusion cannula EZ Huber™ (to avoid needlestick injuries). Both product ranges are available from pfm medical.

Test conditions: High-pressure injector with set max. pressure of 21 bar/300 psi; flow rate 5 ml/s; connection tube 1,5 m 60 sec.; contrast medium Visipaque® 320 at a temperature of 37 to 38 °C; with vascular simulation; Huber needle JetCan™ (19 G, 25 mm) with extension. Instructions for use and port care advice must be strictly adhered to. Data from in-vitro test series is available on request.

Configurations*

Set components

- 1 Port with CT marking
- 1 Catheter with atraumatic tip
- 2 Click-connectors
- 1 Rinsing needle
- 1 JetCan™ straight Huber needle (22 G, 25 mm),
- 1 Vein lifter
- Accessories for identification of high-pressure port (bracelet (purple), patient ID-card, pendant for key-ring)
- 1 Introducer kit (peel-away-sheath with dilator, guide wire 700 mm with J-tip, puncture needle)
- 1 Tunneling needle
- 1 Patient ID-card
- 2 Syringes 10 ml with DualPort Contrast

Basic components

- 1 Port with CT marking
- 1 Catheter with atraumatic tip
- 2 Click-connectors
- 1 Rinsing needle
- 1 JetCan™ straight Huber needle (22 G, 25 mm)
- 1 Vein lifter
- Accessories for identification of high-pressure port (bracelet (purple), patient ID-card, pendant for key ring)
- 1 Patient ID-card

Separate introducer kit available on request (see p. 15).

* See back page for illustration

Venous port systems TitaJet™ light II Contrast and Jet Port® Plus II Contrast

The implantable port systems **TitaJet™ light II Contrast** and **Jet Port® Plus II Contrast** are used to administer systemic chemotherapy, long-term parenteral nutrition or long-term medication. This port system also permits the high-pressure application of a contrast medium as part of regular tumour staging.

View

Benefits

TitaJet™ light II Contrast
Excellent plastic-titanium combination

Jet Port® Plus II Contrast
High-quality plastic (polyoxymethylene)

Suitable for high-pressure applications
The pressure resistance of the systems allows the application of certain substances with high pressure.

Safe identification
The radiopaque CT marking at the bottom of the port guarantees the identification as high-pressure port.

Reduced risk of migration
The low weight reduces the risk of migration and increases patient comfort.

Easy placement
The oval shape of the port makes it easy to insert the port into the prepared pocket.

MRT-compatible
Reduced artefact formation (up to 3.0 T)

Connection mechanism
The transparent click-connector for the simple and easy connection as well as secure and reliable fixation of catheter and port chamber.

Technical Data

- Pressure stability: up to max. 21 bar/300 psi with maximum flow rate of 5 ml/s
- Length of catheter: 750 mm
- Dimensions: 32.1 x 23.6 x 13.2 mm (L x Wx H)
- Weight TitaJet™ light II Contrast: 6.9 g
- Weight Jet Port® Plus II Contrast: 6.6 g
- Residual volume chamber: 0.37 ml
- Septum diameter: 12.1 mm
- Puncture frequency (non-coring 19-G needle): 1,000

Ordering Information

TitaJet™ light II Contrast

REF Set[1]	REF Basic[1]	Catheter	ID	OD	OD	Flow rate[2]	Residual volume	PU
61.636.83.077-K	61.63.583.077	PU soft	1.3 mm	2.2 mm	6.6 F	30 ml/min.	0.18 ml/10 cm Length of catheter	1
61.636.82.087-K	61.63.582.087	PU soft	1.6 mm	2.6 mm	8.0 F	35 ml/min.	0.23 ml/10 cm Length of catheter	1

Jet Port® Plus II Contrast

REF Set[1]	REF Basic[1]	Catheter	ID	OD	OD	Flow rate[2]	Residual volume	PU
61.636.73.077-K	61.635.73.077	PU soft	1.3 mm	2.2 mm	6.6 F	30 ml/min.	0.18 ml/10 cm Length of catheter	1
61.636.72.087-K	61.635.72.087	PU soft	1.6 mm	2.6 mm	8.0 F	35 ml/min.	0.23 ml/10 cm Length of catheter	1

[1] See page 2 for components
[2] 19-G needle, 0,9-%-NaCl solution, Length of catheter 40 cm, Gravitation altitude difference 100 cm

Venous port systems DualPort Contrast

The **DualPort Contrast** is an implantable double-chamber port with a port inlay made of titanium and a plastic casing for the simultaneous administration of incompatible medication. This port system also permits the high-pressure application of a contrast medium as part of regular tumour staging.

View

Benefits

Excellent plastic-titanium combination
The special combination of two materials provide light weight and high safety.

Suitable for high-pressure applications
The pressure resistance of the systems allows the application of certain substances with high pressure.

Ergonomic design
A flat construction form for easy placement and handling.

Easy identification
Palpation of both excellently-palpable port chambers allows for their easy localisation.

Minimal mixing
The graduated openings of the catheter lumen ensure that mixing of applied medication is kept to a minimum.

MRT-compatible
Reduced artefact formation (up to 3.0 T)

Connection mechanism
Transparent click-connector for simple and easy connection as well as secure and reliable fixation of catheter and port chamber.

Detailed view

Technical Data

- Pressure stability: up to max. 21 bar/300 psi with maximum flow rate of 5 ml/s
- Length of catheter: 500 mm
- Dimensions: 41.0 x 26.0 x 12.7 mm (L x W x H)
- Weight: 9.0 g
- Residual volume per chamber: 0.37 ml
- Septum diameter: each 11.0 mm
- Puncture frequency (non-coring 19-G needle): 500 per chamber

Ordering Information

DualPort Contrast

REF Set[1]	Catheter	ID	OD	OD	Flow rate[2]	Residual volume	PU
61.602.20.077	PU soft	2 x 1.10 mm	3.2 mm	9.0 F	2 x 22 ml/min.	2 x 0.20 ml/10 cm Length of catheter	1

[1] See page 2 for components
[2] 19-G needle, 0,9-%-NaCl solution, Length of catheter 40 cm, Gravitation altitude difference 100 cm

Venous port systems TitaJet™ light Low Profile Contrast

The implantable port system **TitaJet™ light Low Profile Contrast** is used to administer systemic chemotherapy, long-term parenteral nutrition or long-term medication. This port system also permits the high-pressure application of a contrast medium as part of regular tumour staging. The slim design allows for its use in pediatrics or as peripheral port, e.g. for placement in the arm.

View

Benefits

Excellent plastic-titanium combination
The special combination of two materials provide light weight and high safety.

Suitable for high-pressure applications
The pressure resistance of the systems allows the application of certain substances with high pressure.

Safe identification
The radiopaque CT marking at the bottom of the port ensures identification as high-pressure port.

Reduced risk of migration
The low weight reduces the risk of migration and increases patient comfort.

Slim design
The narrow shape of the port allows for its use in pediatrics or as peripheral port, e.g. for placement in the arm.

Easy placement
Small dimensions for easy placement.

MRT-compatible
Reduced artefact formation (up to 3,0 T)

Connection mechanism
The transparent click-connector for easy and simple connection as well as secure and reliable fixation of catheter and port chamber.

Technical Data

- Pressure stability: up to max. 21 bar/300 psi with maximum flow rate of 5 ml/s (3 ml/s with catheter 4.8 F)
- Length of catheter: 750 mm
- Dimensions: 24.0 x 20.5 x 10.3 mm (L x W x H)
- Weight: 3.5 g
- Residual volume per chamber: 0.30 ml
- Septum diameter: 8.0 mm
- Puncture frequency (non-coring 19-G needle): 600

Ordering Information

TitaJet™ light Low Profile Contrast

REF Set[1]	Catheter	ID	OD	OD	Flow rate[2]	Residual volume	PU
61.636.09.070-K	PU soft	1.0 mm	1.6 mm	4.8 F	14 ml/min.	0.10 ml/10 cm Length of catheter	1
61.636.08.070-K	PU soft	1.3 mm	2.2 mm	6.6 F	25 ml/min.	0.18 ml/10 cm Length of catheter	1

[1] See page 2 for components
[2] 19-G needle, 0,9-%-NaCl solution, Length of catheter 40 cm, Gravitation altitude difference 100 cm

Venous port systems T-Port Contrast and T-Port Low Profile Contrast

The implantable port systems **T-Port Contrast** and **T-Port Low Profile Contrast** made of titanium are used to administer systemic chemotherapy, long-term parenteral nutrition or long-term medication. This port system also permits the high-pressure application of contrast mediums as part of regular tumour staging.

Views

Benefits

Titanium material of proven quality
The excellence material ensures a highly reliable usage.

Suitable for high-pressure applications
The pressure resistance of the systems allows the application of certain substances with high pressure.

Safe identification
The radiopaque CT marking at the bottom of the port ensures identification as high-pressure port.

Small dimensions with T-Port Low Profile Contrast
Small version for more discreet placing of the port.

Connection mechanism
Transparent click-connector for simple and easy connection as well as secure and reliable fixation of catheter and port chamber.

Technical Data

- Pressure stability: up to max. 21 bar/300 psi at maximum flowrate of 5 ml/s
- Length of catheter: 750 mm
- T-Port Contrast:
  - Dimensions: 27.0 mm (ø base plate) x 13.0 mm (height)
  - Weight: 14.5 g
  - Residual volume chamber: 0.7 ml
  - Septum diameter: 12.0 mm
  - Puncture frequency (non-coring 19-G needle): 1,000
- T-Port Low Profile Contrast:
  - Dimensions: 23.0 mm (ø base plate) x 10.0 mm (height)
  - Weight: 8.0 g
  - Residual volume chamber: 0.2 ml
  - Septum diameter: 9.0 mm
  - Puncture frequency (non-coring 19-G needle): 600

Ordering Information

T-Port Contrast

REF Set[1]	REF Basic[1]	Catheter	ID	OD	OD	Flow rate[2]	Residual volume	PU
61.636.53.077-K	61.635.53.077	PU soft	1.3 mm	2.2 mm	6.6 F	30 ml/min.	0.18 ml/10 cm Length of catheter	1
61.636.52.087-K	61.63.552.087	PU soft	1.6 mm	2.6 mm	8.0 F	35 ml/min.	0.23 ml/10 cm Length of catheter	1

T-Port Low Profile Contrast

REF Set[1]	REF Basic[1]	Catheter	ID	OD	OD	Flow rate[2]	Residual volume	PU
61.636.63.077-K	61.635.63.077	PU soft	1.3 mm	2.2 mm	6.6 F	30 ml/min.	0.18 ml/10 cm Length of catheter	1
61.636.62.087-K	61.635.62.087	PU soft	1.6 mm	2.6 mm	8.0 F	35 ml/min.	0.23 ml/10 cm Length of catheter	1

[1] See page 2 for components
[2] 19-G needle, 0,9-%-NaCl solution, Length of catheter 40 cm, Gravitation altitude difference 100 cm

Port systems

The implantable port systems of pfm medical ag meet the highest international standards for more than 30 years and are used reliably for the long-term medication in the areas of oncology, e.g. with chemotherapies and parenteral nutrition.

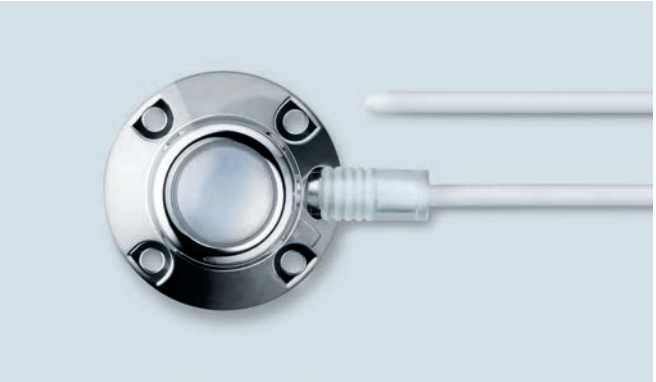
The unique material concept of the port offers the user thereby a choice of high-quality plastic port systems, a variation in pure titanium as well as a hybrid version made of plastic and titanium.

Plastic port systems are very light so that a risk of migration is reduced. Moreover, they offer the advantage of minimal artefact formation using diagnostic methods such as magnetic resonance imaging. Port systems made of titanium are being implanted successfully and reliably for many years. The personnel in particular values the safe handling e.g. during the puncture with a suitable Huber needle.

With port systems in the hybrid version, the features and benefits of plastic and titanium are combined, resulting in significant benefits for the user and patient.

Based on long-term experience and constant optimisation processes, numerous detail solutions such as e.g. the click-connector, which provides a high level of user-friendliness, were able to be developed.

View



Details

- Catheter made of biostable, implantation-tested polyurethane (PU) or silicone
- Radiopaque catheter
- Vessel-friendly atraumatic catheter tip
- Connectable catheter
- Highly compressed silicone membrane for secure closing of septum and secure holding of puncturing needle
- Well-palpable septum for safe identification of the puncture site
- Latex-, DEHP- and PVC-free

Configurations*

Set components

- 1 Port
- 1 Catheter with atraumatic tip
- 2 Click-connectors
- 1 Rinsing needle
- 1 JetCan™ straight Huber needle (22 G, 25 mm)
- 1 JetCan™ curved Huber needle, with extension (22 G, 25 mm)
- 1 Vein lifter
- 1 Syringe 10 ml
- 1 Introducer kit (peel-away-sheath with dilator, guide wire 700 mm with J-tip, puncture needle)
- 1 Patient ID-card

Basic components

- 1 Port
- 1 Catheter with atraumatic tip
- 2 Click-connectors
- 1 Rinsing needle
- 1 JetCan™ straight Huber needle (22 G, 25 mm)
- 1 Vein lifter
- 1 Patient ID-card

Separate introducer kit available on request (see p. 15).

* See back page for illustration

Venous port systems TitaJet™ light and Jet Port® Plus

The implantable port system **TitaJet™ light** with a port inlay made of titanium and a plastic casing, or **Jet Port® Plus** made of high-quality plastic are used to administer systemic chemotherapy, long-term parenteral nutrition or long-term medication.

View

Benefits

TitaJet™ light
Excellent plastic-titanium combination

Jet Port® Plus
High-quality plastic (polyoxymethylene)

Reduced risk of migration
The low weight reduces the risk of migration and increases patient comfort.

MRT-compatible
Minimal artefact formation (up to 3,0 T)

Connection mechanism
Transparent click-connector for easy and simple connection as well as safe and reliable fixation of catheter and port chamber.

Technical Data

- Length of catheter: 750 mm
- Dimensions: 28.0 mm (ø base plate) x 12.3 mm (height)
- Weight TitaJet™ light: 6.0 g
- Weight Jet Port® Plus: 5.7 g
- Residual volume chamber: 0.37 ml
- Septum diameter: 10.0 mm
- Puncture frequency (non-coring 19-G needle): 1,000

Ordering Information

TitaJet™ light

REF Set[1]	REF Basic[1]	Catheter	ID	OD	OD	Flow rate[2]	Residual volume	PU
61.636.25.075	61.635.25.075	PU soft	1.0 mm	1.6 mm	4.8 F	14 ml/min.	0.10 ml/10 cm Length of catheter	1
61.636.23.075	61.635.23.075	PU soft	1.3 mm	2.2 mm	6.6 F	25 ml/min.	0.18 ml/10 cm Length of catheter	1
61.636.22.080	61.635.22.080	PU soft	1.6 mm	2.6 mm	8.0 F	30 ml/min.	0.23 ml/10 cm Length of catheter	1
61.646.25.075	61.645.25.075	Silicone	1.0 mm	2.2 mm	6.6 F	14 ml/min.	0.10 ml/10 cm Length of catheter	1
61.646.21.080	61.645.21.080	Silicone	1.6 mm	2.8 mm	8.4 F	30 ml/min.	0.23 ml/10 cm Length of catheter	1

Jet Port® Plus

REF Set[1]	REF Basic[1]	Catheter	ID	OD	OD	Flow rate[2]	Residual volume	PU
61.636.35.075	61.635.35.075	PU soft	1.0 mm	1.6 mm	4.8 F	14 ml/min.	0.10 ml/10 cm Length of catheter	1
61.636.33.075	61.635.33.075	PU soft	1.3 mm	2.2 mm	6.6 F	25 ml/min.	0.18 ml/10 cm Length of catheter	1
61.636.32.080	61.635.32.080	PU soft	1.6 mm	2.6 mm	8.0 F	30 ml/min.	0.23 ml/10 cm Length of catheter	1
61.646.35.075	61.645.35.075	Silicone	1.0 mm	2.2 mm	6.6 F	14 ml/min.	0.10 ml/10 cm Length of catheter	1
61.646.31.080	61.645.31.080	Silicone	1.6 mm	2.8 mm	8.4 F	30 ml/min.	0.23 ml/10 cm Length of catheter	1

[1] See page 7 for components
[2] 19-G needle, 0,9-%-NaCl solution, Length of catheter 40 cm, Gravitation altitude difference 100 cm

Venous port systems Jet Port® Plus Low Profile Peripheral and Portolino

The implantable port systems **Jet Port® Plus Low Profile Peripheral** and **Portolino** made of high-quality plastic are used to administer systemic chemotherapy, long-term parenteral nutrition or long-term medication. The slim design allows for the use in pediatrics or as peripheral port, e.g. for placement in the arm.

Views

Benefits

High-quality plastic (polyoxymethylene)
The implantation-tested plastic material provides a reduced weight.

Reduced risk of migration
The low weight reduces the risk of migration and increases patient comfort.

Slim design
The narrow shape of the port allows for use in pediatrics or as peripheral port e.g. for placement in the arm.

Discreet placement
Small dimensions for discreet placement.

MRT-compatible
Minimal artefact formation (up to 3.0 T)

Connection mechanism
The transparent click-connector for simple and easy connection as well as safe and reliable fixation of catheter and port chamber.

Technical Data

- Length of catheter: 750 mm
- Jet Port® Plus Low Profile Peripheral:
  - Dimensions: 24.0 x 20.5 x 10.3 mm (L x W x H)
  - Weight: 3.5 g
  - Residual volume chamber: 0.3 ml
  - Septum diameter: 8.0 mm
- Portolino:
  - Dimensions: 23.0 x 17.8 x 10.0 mm (L x W x H)
  - Weight: 3.0 g
  - Residual volume chamber: 0.15 ml
  - Septum diameter: 8.0 mm
  - Puncture frequency (non-coring 19-G needle): 600

Ordering Information

Jet Port® Plus Low Profile Peripheral

REF Set[1]	REF Basic[1]	Catheter	ID	OD	OD	Flow rate[2]	Residual volume	PU
61.636.07.070	61.635.07.070	PU soft	1.0 mm	1.6 mm	4.8 F	14 ml/min.	0.10 ml/10 cm Length of catheter	1
61.636.03.070	61.635.03.070	PU soft	1.3 mm	2.2 mm	6.6 F	25 ml/min.	0.18 ml/10 cm Length of catheter	1
61.646.07.070	61.647.07.070	Silicone	1.0 mm	2.2 mm	6.6 F	14 ml/min.	0.10 ml/10 cm Length of catheter	1

Portolino

REF Basic[1]	Catheter	ID	OD	OD	Flow rate[2]	Residual volume	PU
61.638.15.075	PU soft	1.0 mm	1.6 mm	4.8 F	14 ml/min.	0.10 ml/10 cm Length of catheter	1
61.648.05.075	Silicone	0.8mm	1.6mm	4.8 F	14 ml/min.	0.05 ml/10 cm Length of catheter	1

[1] See page 7 for components
[2] 19-G needle, 0,9-%-NaCl solution, Length of catheter 40 cm, Gravitation altitude difference 100 cm

Venous port systems T-Port and T-Port Low Profile

The implantable port systems **T-Port** and **T-Port Low Profile** made of titanium are used to administer systemic chemotherapy, long-term parenteral nutrition or long-term medication.

Views

Benefits

Titanium material of proven quality
The excellence material ensures a highly reliable usage.

Small dimensions for T-Port Low Profile
A small version for more discreet placing of the port.

Connection mechanism
Transparent click-connector for simple and easy connection as well as safe and reliable fixation of catheter and port chamber.

Technical Data

- Length of catheter: 750 mm
- T-Port:
  - Dimensions: 27.0 mm (ø base plate) x 13.0 mm (height)
  - Weight: 14.5 g
  - Residual volume chamber: 0.7 ml
  - Septum diameter: 12.0 mm
  - Puncture frequency (non-coring 19-G needle): 1,000
- T-Port Low Profile:
  - Dimensions: 23.0 mm (ø base plate) x 10.0 mm (height)
  - Weight: 8.0 g
  - Residual volume chamber: 0.2 ml
  - Septum diameter: 9.0 mm
  - Puncture frequency (non-coring 19-G needle): 600

Ordering Information

T-Port

REF Set[1]	REF Basic[1]	Catheter	ID	OD	OD	Flow rate[2]	Residual volume	PU
61.636.55.075	61.635.55.075	PU soft	1.0 mm	1.6 mm	4.8 F	18 ml/min.	0.10 ml/10 cm Length of catheter	1
61.636.53.075	61.635.53.075	PU soft	1.3 mm	2.2 mm	6.6 F	30 ml/min.	0.18 ml/10 cm Length of catheter	1
61.636.52.080	61.635.52.080	PU soft	1.6 mm	2.6 mm	8.0 F	35 ml/min.	0.23 ml/10 cm Length of catheter	1
61.646.55.075	61.645.55.075	Silicone	1.0 mm	2.2 mm	6.6 F	18 ml/min.	0.10 ml/10 cm Length of catheter	1
61.646.51.080	61.645.51.080	Silicone	1.6 mm	2.8 mm	8.4 F	35 ml/min.	0.23 ml/10 cm Length of catheter	1

T-Port Low Profile

REF Set[1]	REF Basic[1]	Catheter	ID	OD	OD	Flow rate[2]	Residual volume	PU
61.636.65.075	6163565075	PU soft	1.0 mm	1.6 mm	4.8 F	11 ml/min.	0.10 ml/10 cm Length of catheter	1
61.636.63.075	6163563075	PU soft	1.3 mm	2.2 mm	6.6 F	12 ml/min.	0.18 ml/10 cm Length of catheter	1
61.646.65.075	6164565075	Silicone	1.0 mm	2.2 mm	6.6 F	11 ml/min.	0.10 ml/10 cm Length of catheter	1

[1] See page 7 for components
[2] 19-G needle, 0,9-%-NaCl solution, Length of catheter 40 cm, Gravitation altitude difference 100 cm

Arterial port system Jet Port® Plus

The implantable arterial port system **Jet Port® Plus** is used for arterial application, in particular for regional chemotherapy of liver.

Views

Benefits

Jet Port® Plus
High-quality plastic (polyoxymethylene)

Catheter material
Biostable, implantation-tested polyurethane (PU) or polyamide (PA)

Catheter tip
Vessel-friendly and traumatic catheter tip with thickened section for securing it in artery

Technical Data

- Length of catheter: 900 mm
- Dimensions: 28.0 mm (ø base plate) x 12.3 mm (height)
- Residual volume: 0.37 ml
- Weight: 5.9 g
- Septum diameter: 10.0 mm
- Puncture frequency (non-coring 19-G needle): 1.000

Configurations

Jet Port® Plus Arterial
- 1 Port
- 1 Catheter with atraumatic tip and thickened section
- 1 Rinsing needle
- 1 JetCan™ straight Huber needle (22 G, 25 mm)
- 1 Click-connector
- 1 Vein lifter
- 1 Patient ID-card

Jet Port® Plus Allround
- 1 Port
- 1 Catheter with atraumatic tip and thickened section
- 1 Rinsing needle
- 1 JetCan™ straight Huber needle (22 G, 25 mm)
- 1 Screw connector
- 1 Screw tool
- 1 Vein lifter
- 1 Mandrin 895 mm
- 1 Scalpel
- 1 Patient ID-card

Ordering Information

Jet Port® Plus

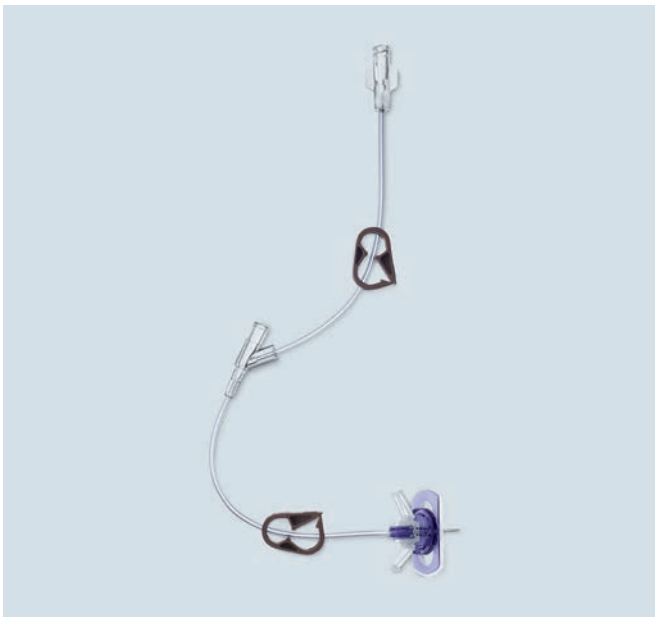
REF	Version	Catheter	ID	OD	OD	Flow rate[2]	Residual volume	PU
61.635.36.090	Arterial	PU soft	1.0 mm	1.6 mm	4.8 F	14 ml/min.	0.10 ml/10 cm Length of catheter	1
61.665.31.090	Allround	PA	0.65 mm	1.05 mm	3.15 F	4 ml/min.	0.035 ml/10 cm Length of catheter	1

[2] 19-G needle 0,9-%-NaCl solution, Length of catheter 40 cm, gravitation altitude difference 100 cm

EZ Huber™ safety infusion cannula

The **EZ Huber™** is a safety infusion cannula for puncturing implanted port systems. A safety mechanism reduces the risk of needlestick injuries and protects users from infection.

Views



Detailed views

Benefits

Patented safety mechanism
The patented EZ Huber™ safety mechanism reduces the risk of needlestick injuries and provides protection against infection. The safety mechanism is activated automatically when the cannula is extracted. An audible click indicates that the cannula is safely locked inside the housing.

Unique protective sheath
The unique, patented protective sheath completely covers the cannula when it is withdrawn from the port and, after usage, affords protection against contact with bodily fluids and germs. The protective sheath effectively prevents cross-contaminations.

Biocompatible material
The use of extra biocompatible materials - containing no latex and DEHP - affords the patient additional protection. Infusion of aggressive medication without material damage is still possible.

Ordering Information

EZ Huber™ › Version: Extension 180 mm

REF	Size	Colour code	PU
SHN19-60*	19 G x 15 mm	brown	25
SHG19-75	19 G x 19 mm	brown	25
SHG19-100	19 G x 25 mm	brown	25
SHG19-150	19 G x 38 mm	brown	25
SHN20-60*	20 G x 15 mm	yellow	25
SHG20-75	20 G x 19 mm	yellow	25
SHG20-100	20 G x 25 mm	yellow	25
SHG20-150	20 G x 38 mm	yellow	25
SHN22-60*	22 G x 15 mm	black	25
SHG22-75	22 G x 19 mm	black	25
SHG22-100	22 G x 25 mm	black	25
SHG22-150	22 G x 38 mm	black	25

* not CT-rated

EZ Huber™ › Version: Extension with Y-side

REF	Size	Colour code	PU
SHG 19-75Y	19 G x 19 mm	brown	25
SHG19-100Y	19 G x 25 mm	brown	25
SHG19-150Y	19 G x 38 mm	brown	25
SHG20-75Y	20 G x 19 mm	yellow	25
SHG20-100Y	20 G x 25 mm	yellow	25
SHG20-150Y	20 G x 38 mm	yellow	25
SHG22-75Y	22 G x 19 mm	black	25
SHG22-100Y	22 G x 25 mm	black	25
SHG22-150Y	22 G x 38 mm	black	25

JetCan™

The JetCan™ is a Huber design cannula for the safe puncture of implanted port systems. The special design prevents silicone particles being punched out of the closing port membrane.

Views

Benefits

Needle with high inherent stability
A firm fixation of the needle for proper injection canals and tight fit.

Optimized tube configuration
The DEHP-free tubing consists inside of polyethylene (PE) and outside of polyvenylchloride (PVC). Thus, the infusion does not leach out any toxic substances and is suitable for the application of aggressive cytostatics.

Configurations

- No tube
- Straight tube
- Tube with Y-connector
- Tube with 3-way-stopcock

Ordering Information

JetCan™

REF	Version	Form	Size	Diameter needle	Length	PU
61.512.20.025	without tube	straight	20 G	0.9 mm	25 mm	20
61.512.20.125	without tube	curved	20 G	0.9 mm	25 mm	20
61.512.22.030	without tube	straight	22 G	0.7 mm	32 mm	20
61.512.22.130	without tube	curved	22 G	0.7 mm	25 mm	20
61.612.19.130	with tube	curved	19 G	1.1 mm	25 mm	20
61.612.19.132	with tube	curved	19 G	1.1 mm	32 mm	20
61.612.20.120	with tube	curved	20 G	0.9 mm	20 mm	20
61.612.20.130	with tube	curved	20 G	0.9 mm	25 mm	20
61.612.20.132	with tube	curved	20 G	0.9 mm	32 mm	20
61.612.22.115	with tube	curved	22 G	0.7 mm	15 mm	20
61.612.22.130	with tube	curved	22 G	0.7 mm	25 mm	20
61.612.22.132	with tube	curved	22 G	0.7 mm	32 mm	20
61.612.20.000	with Y-connector	curved	20 G	0.9 mm	25 mm	20
61.612.22.000	with Y-connector	curved	22 G	0.7 mm	25 mm	20
61.613.19.120	with 3-way-stopcock	curved	19 G	1.1 mm	20 mm	20
61.613.20.120	with 3-way-stopcock	curved	20 G	0.9 mm	20 mm	20
61.613.20.130	with 3-way-stopcock	curved	20 G	0.9 mm	25 mm	20
61.613.22.130	with 3-way-stopcock	curved	22 G	0.7 mm	25 mm	20

Introducer Kit

The splittable introducer kit is used to insert port catheters using the Seldinger technique.

View

Benefits

Flexible guide wire
The flexible guide wire with straight and J-tip facilitates the optimal usage of the guide.

Peel-away-sheath
The splittable introducer sheath with locking mechanism for the included dilator provides a smooth transition between dilator and sheaths for safe puncture of the vessel.

Configurations

- **Sizes:** 5 - 9 F

Ordering Information

Introducer Kit

REF	Dilator	Guide wire	Peel-away-sheath	Puncture needle	PU
61.645.55.575	5 F	0.035", 1000 mm	12 cm	17 G, 80 mm	1
61.645.77.075	7 F	0.035", 700 mm	12 cm	17 G, 80 mm	1
61.645.99.075	9 F	0.035", 700 mm	12 cm	17 G, 80 mm	1

Tunneling Needle

The tunneling needle is a metal trocar for subcutaneous tunnelling of a port catheter during port implantation.

View

Benefits

Stainless steel tunneling needle
The usage of high-quality stainless steel facilitates the tunneling of the catheter.

Configurations

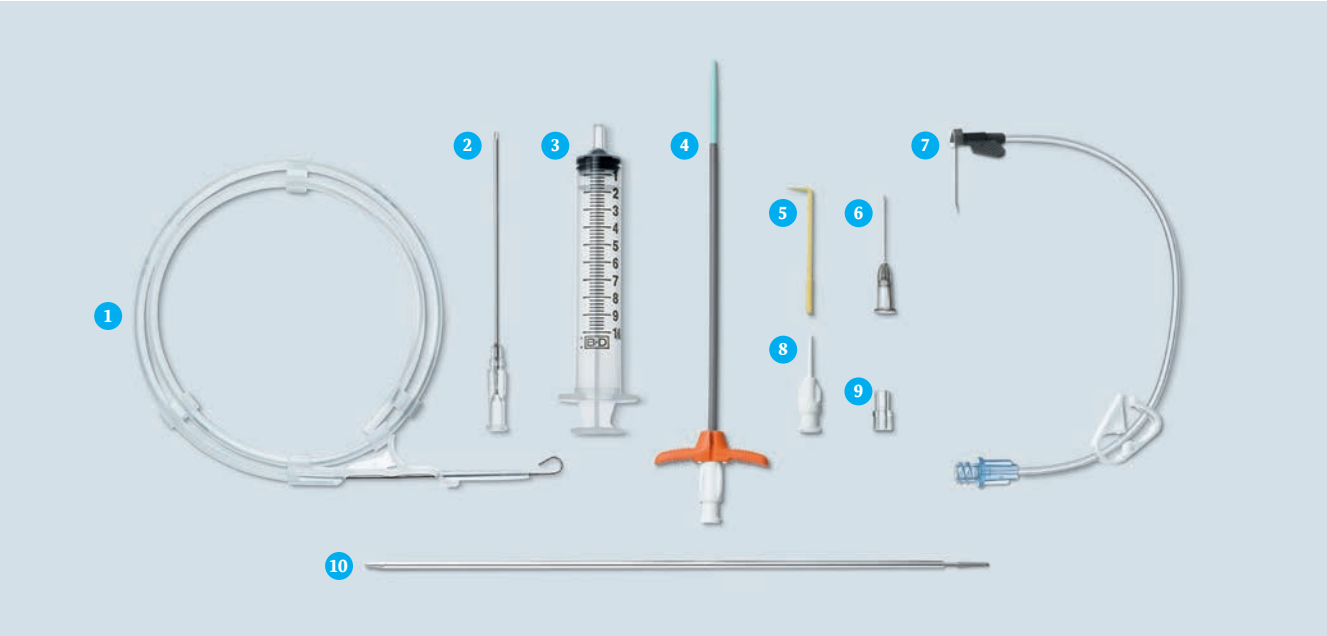
- Suitable for catheter sizes 4.8 - 9 F
- 200 to 220 mm long

Ordering Information

Tunneling needle

REF	Catheter diameter	Length	PU
61.645.55.222	< 5 F	200 mm	1
61.645.57.222	< 7 F	200 mm	1
61.645.59.222	< 10 F	220 mm	1

Accessories for port systems



1. Guide wire with J-tip 700 mm
2. Puncture needle
3. Syringe 10 ml
4. Introducer kit (peel-away-sheath with dilator)
5. Vein lifter
6. JetCan™ straight Huber needle (22 G, 25 mm)
7. JetCan™ curved Huber needle, with extension (22 G, 25 mm)
8. Rinsing needle
9. Click-connector
10. Tunneling needle

Contact person

Should you have any questions our Customer Solutions Team is happy to advice you.

service@pfmmedical.com
Phone +49 (0)2236 9641-220
Fax +49 (0)2236 9641-51

pfmmedical

pfm medical ag
Wankelstraße 60
50996 Köln, Germany

Certified according to
DIN EN ISO 13485

PB2002EN/01.2014