Fat Transfer Instruments, Accessories, and Advanced Tissue Processing Systems

Designed in the USA by Tulip Medical Products
Tulip's Closed System Tissue Processing

The Tulip NanoSpin™
Process 8-Crowned 10ml Syringes

The Tulip NanoSpin accommodates up to eight 10 ml syringes including caps and Tulip Crowns.

- Speed up your workflow and increase efficiency
- Decrease contamination
- Proper separations
- Designed as a closed system to be used with 10ml syringes incorporating Tulip Crowns

NanoSpin $1,200.00

Includes:
- Tulip’s proprietary eight-place rotor
- Eight autoclavable 10cc syringe-holding sleeves

CENT-NANO

The NanoSpin Crown Kit™ $2,420.00

Includes:
- The Tulip NanoSpin
- Eight reusable Tulip Crowns for 10cc BD Syringes
- 10cc Luer BD Syringes - box of 100
- Red Luer Tip Caps for Centrifuge, 10 sterile packs of 10 (100)

NANOSPIN SET
Advanced Tissue Processing Featuring Tulip Instruments

**NanoTransfer™**
Introducing Tulip Medical’s Patent-Pending NanoTransfer™, designed to take fat to the smallest level. The proprietary closed system delivers adipose tissue that is injectable with 27g and 30g needles.

The NanoTransfer Starter Sets contain all of the essential items needed for the NanoFat protocol.

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**Reusable NanoTransfer Set $1,115.00**
- NanoTransfer 1 each
- NanoTransfer Cartridges (2 packs of 5) 10 each
- Anaerobic Transfer Luer to Luer 2.4mm 1 each
- Anaerobic Transfer Luer to Luer 1.4mm 1 each
- Anaerobic Transfer Luer to Luer 1.2mm 1 each

**Single-Use NanoTransfer Set $1,080.00**
- NanoTransfer 1 each
- NanoTransfer Cartridges (2 packs of 5) 10 each
- GEMS Transparent Transfer Luer to Luer 2.4mm 10 each
- GEMS Transparent Transfer Luer to Luer 1.4mm 10 each
- GEMS Transparent Transfer Luer to Luer 1.2mm 10 each

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All GEMS Transparent Transfers and NanoTransfer Cartridges are available pre-sterilized.

**NanoTransfer Cartridge Single-use Non-Sterile**
- 5 pack $200 One $45
  - NTC-5

**NanoTransfer Cartridge Single-use Sterile**
- 5 pack $150 One $35
  - DNTC-5
Harvesting Cannulas by Tulip – Reusable

Tonnard Harvester™ $310
A unique and effective multiport harvester with elevated sharp microports. Very effective for harvesting through fibrous tissue. The 12 or 20 port-configuration allows for efficient harvesting both on the forward and backward strokes.

Sorensen Harvester™ $410
A less aggressive multiport harvester with beveled microports. The 20 port-configured harvesters allow gentle, yet very efficient harvesting both on the forward and backward strokes.

Sorza Harvester™ $410
NEW! Exclusively from Tulip, a microport harvester designed for speed. Fully equipped with bidirectional beveled and elevated sharp ports positioned asymmetrically to create a helical flux.
Harvesting Cannulas by Tulip – Reusable

**Carraway Harvester™ $310**
A spiral three-port design that is safe and effective for multi-plane adipose tissue harvesting. The Carraway Harvester is very popular for small volume procedures performed using local anesthesia.

**Miller Speed Harvester™ $310**
A six port spiral configured CellFriendly harvester that yields maximum tissue volume in minimal time. Simply revolutionizing.

**TriPort Harvester™ $310**
A triple port harvester, ideal for obtaining small aliquots of adipose tissue from a single plane.

**J.W. Little Harvester™ $310**
A less aggressive harvester with a 6 port configuration.
Reusable Injectors – Featuring Tulip CellFriendly™ Instruments

**Tulip Injector™ $285**
Featuring Tulip Medical's side port blunt tip design that passes through soft tissue effortlessly, while maintaining the integrity of the vascular structure. A workhorse for small volume injection.

**Tonnard Superficial Injector™ $350**
A blunt injector with 5 graduated ports in a spiral configuration designed for precise intradermal injection of microfat. The unique configuration allows a fan-shaped spread of droplets. Simply Innovative.

**Little Injector™ $285**
An innovative blunt design with one smaller round port size for precise and controlled delivery of microfat. This is especially useful in the periorbital region and the vermilion skin border of the lips.

**Spoon Tip Injector™ $285**
A blunt spoon-shaped tip designed with a larger port for rapid injection of larger volumes, a groundbreaking breast and buttock workhorse.

**Tulip Curved Injectors™ Available for Tulip and Spoon Tip Injectors $285**
Tulip's Curved Injection Cannulas are designed to make it easy to rapidly change injection planes by rotating the orientation of the port.

**Tulip Injector Sizes:** 1.4mm x 12cm, 1.4mm x 15cm, 1.4mm x 20cm and 1.6mm x 12cm, 1.6mm x 15cm, 1.6mm x 20cm.

**Spoon Tip Injector Sizes:** 1.4mm x 12cm, 1.4mm x 15cm and 1.6mm x 12cm, 1.6mm x 15cm, 1.6mm x 20cm.
Specialty Instruments by Tulip - Reusable

Schwarcz Facelift Infiltrator™ $410
Uniquely designed by Dr. Robert Schwarcz to reduce bleeding and dissection time through hydraulic dissection.
SFI

Flap™ $410
The Flap is primarily used as an undermining dissector, followed by harvesting and/or injection.
FLP

V-Dissector™ $410
This cannula is specifically designed for use in the superficial compartment. The cutting notch is very useful for releasing dense fibrous tissue. Such as acne scars and nasolabial folds.
VDI

Basket Cannula™ $410
The three-port Basket is used in areas with skin irregularities as an equalizer, injector, and suction cannula.
BAS
Specialty Instruments by Tulip - Reusable

Portless V-Dissector™ $285
Tulip Medical’s Portless V-Dissector is a specialized tool that is designed to prepare dense and fibrous tissue for tissue extraction and injection. The unique cutting notch is very useful for undermining in areas where the tissue must be dissected such as nasolabial folds, acne scarring, stretch marks, and other fibrous deposits.
Size: 1.6mm x 9cm
VDINP

Pocar™ $155
The Pocar is a percutaneous punch that is used to make a circumferential incision prior to infiltration and tissue extraction. It is designed to maintain a tight seal while minimizing scarring.
Two sizes: Large for body 4.6mm • Small for face 3.0mm
POCAR-SM
POCAR-LG
Cannulas - Featuring Reusable CellFriendly™ Instruments by Tulip

Infiltrators by Tulip – Reusable

**Tumescent Infiltrator™** $310
The multi-spiraled port configuration allows even distribution of fluid, used specifically for the infusion of tumescent solution and for hydraulic dissection.

INF

**Liposuction Cannulas by Tulip – Reusable**

**Stevens Speed Cannula™** $310
NEW! Exclusively from Tulip Medical, a cannula developed by world-renowned Netherlands surgeon, Jeroen Stevens. The Stevens Speed Cannula is an advanced rapid liposculpture cannula designed for quick and effective liposuction.

STV

**Cobra Bibevel™** $310
The two port, tapered tip cannula is very effective when working through very dense tissue, more aggressive than the Standard, Pyramid, and Mercedes.

CBB

**Standard™** $310
This is the most common cannula design for adipose tissue removal. The single port is located 180 degrees from the thumb rest on the hub.

STD
Liposuction Cannulas by Tulip – Reusable

Pyramid™ $310
This commonly used design has three ports located 180 degrees from the thumb print. It is a slightly more aggressive cannula than the Standard.

Mercedes™ $310
This circumferential three port configuration is effective for multi-plane adipose tissue harvesting.
Cannula Connections

60cc Toomey Hub  60cc BD Catheter Hub  Tulip SuperLuerLok™  Traditional Luer Lock

Tulip SuperLuerLok™
U.S. Patent Number 6,569,118
Experience more security and control when using Tulip SuperLuerLok Instruments. The SuperLuerLok’s outer collar provides a tight seal on the luer connection ensuring better vacuum and stability.

Tulip Power Handles™ $180
Tulip Cannulas can be attached to polymer power handles for machine liposuction. The friction hub grip allows you to quickly change to different cannulas during your liposuction procedure.

Two sizes: • Fits 60cc Toomey Style Hub • Fits 60cc BD style hub.
CANHAN60  CANHAN60BD

*Discontinued as of September 30th, 2016.
For larger volume aspiration, Tulip recommends the Power Cannula.

Power Cannula™ $410
Order Tulip cannulas and harvesters as a complete one-piece instrument ready to use with an aspiration machine for liposuction and large volume fat harvesting procedures.
---HA
Tulip GEMS™
Tulip’s CellFriendly technology is now available in premium, pre-sterilized, single-use instruments. Tulip GEMS eliminate risk of cross contamination while providing high performance. Tulip GEMS glide easily through tissue and resist clogging.

Tulip GEMS
SuperLuerLok™
U.S. Patent Number 6,569,118

Experience more security and control when using Tulip GEMS Instruments
Single-Use Harvesters Featuring Tulip CellFriendly™ GEMS

**Tonnard Harvester™ (Elevated Sharp)**  
Box of 10 $410  One $45  
A unique and effective multiport harvester with elevated sharp microports, very effective for harvesting through fibrous tissue. The 20 port-configuration allows for efficient harvesting both on the forward and backward strokes.  
DSLTON-01  
DSLTON-10

**Sorensen Harvester™ (Depressed Sharp)**  
Box of 10 $600  One $65  
A less aggressive multiport harvester with beveled microports. The 20 port-configured harvesters allow gentle, yet very efficient harvesting both on the forward and backward strokes.  
DSLSOR-01  
DSLSOR-10

**Sforza Harvester™ (Bidirectional Sharp)**  
Box of 10 $600  One $65  
NEW! Exclusively from Tulip, a microport harvester designed for speed. Fully equipped with bidirectional beveled and elevated sharp ports positioned asymmetrically to create a helical flux.  
DSLSFZ-01  
DSLSFZ-10

**Carraway Harvester™**  
Box of 10 $410  One $45  
A spiral three-port design that is safe and effective for multi-plane adipose tissue harvesting. The Carraway Harvester is very popular for small volume procedures performed using local anesthesia.  
DSLCAR-01  
DSLCAR-10

**Miller Harvester™**  
Box of 10 $500  One $55  
A six port configured CellFriendly harvester that yields maximum tissue volume in minimal time. Simply revolutionizing.  
DSLML-01  
DSLML-10

**TriPort Harvester™**  
Box of 10 $410  One $45  
A triple port harvester, ideal for obtaining small aliquots of adipose tissue from a single plane.  
DSLTRI-01  DSSLTRI-10
Single-Use Injectors Featuring Tulip CellFriendly™ GEMS

**Tulip Injector™**
Featuring Tulip Medical’s side port blunt tip design that passes through soft tissue effortlessly, while maintaining the integrity of the vascular structure. A workhorse for small volume injection.

<table>
<thead>
<tr>
<th>Size</th>
<th>Box Price</th>
<th>Single Price</th>
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<tbody>
<tr>
<td>0.3mm x 3cm</td>
<td>$150</td>
<td>$20</td>
</tr>
<tr>
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**Spoon Tip Injector™**
A blunt spoon-shaped tip designed with a larger port for rapid injection of larger volumes, a groundbreaking breast and buttock workhorse.

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**Tulip Bulb Injector™**
The new Tulip Bulb Injector is the first tissue-expanding micro injector for adipose injection. Many surgeons feel space plays an important role in fat survival. The bulb design of this single use injector from the Tulip GEMS line creates this space, maintains the safety of a blunt tip cannula and allows for the higher level of graft placement precision found only in end port designs.

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Single-Use Infiltration Featuring Tulip CellFriendly™ GEMS

**Tumescent Infiltrator™**
The multi-spiraled port configuration allows even distribution of fluid, used specifically for the infusion of tumescent solution and for hydraulic dissection.

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Single-Use Fat Transfer Accessories Featuring Tulip GEMS

**JohnnieSnap™**
Box of 10 $105  One $15

The single-use JohnnieSnap syringe lock is designed to maintain vacuum at variable pressure levels, from low to high. The JohnnieSnap comes in two sizes, 20cc and 60cc, and fits the following syringes: 20cc BD Syringes • 20cc Monoject Syringes • 60cc BD Syringes • 60cc Monoject Syringes

20cc - DJSO20
60cc - DJS60

**GEMS Single-Use Johnnie Lok™**
Box of 10 $55  One $15

This pre-sterilized Johnnie Lok works just like the reusable model, twist and lock. Compatible with 10/12 Monoject Syringes.

Box of 10 - DJL1012-10
One - DJL1012-01

**Tulip Transparent Transfer™**

- 2.4mm Box (10) $80  One Pair $10
- 1.4mm Box (10) $100  One Pair $15
- 1.2mm Box (10) $100  One Pair $15

Tulip’s single-use, pre-sterilized transfers are designed for easy, clean, closed-system transportation of adipose tissue between luer lock syringes.

Sizes: 1.2mm • 1.4mm • 2.4mm
DATLLLL

**Universal SuperLuerLok Adaptor™**
Box of 10 $55  One $8

The Single-Use Tulip SuperLuerLok Universal Adaptor makes any luer lock syringe compatible with Tulip’s SuperLuerLok hub. It is recommended for use with some European and Asian manufactured syringe brands that have some minor threading differences such as: *B.Braun™ *Covidien™ *Kendall™ *Terumo™

*Registered trademarks of B. Braun Melsungen AG, Covidien AG, Terumo Corporation

DSLUA
Reusable Fat Transfer Accessories Featuring Tulip Instruments

**Anaerobic Transfer™ $105 each**

Anaerobic transfers are used to prepare and transfer extracted tissue for re-injection. The anaerobic transfer is also an important component of the Tulip Nano Fat System for preconditioning tissue for use in the Tulip NanoTransfer.

- Luer to Luer 2.1 • Luer to Luer 1.4 • Luer to Luer 1.2

ATLLLL

**Anaerobic Transfer Decant Stand™ $130 each**

Anaerobic transfers are used to prepare and transfer extracted tissue for re-injection. The Decant Stand design also allows for a natural gravity decant of extracted tissue.

- 60cc Toomey to 60cc Toomy - AT6060DS
- 60cc Toomey to Luer - AT60LLDS
- 60cc BD Catheter to Luer - AT60BDLLDS *Discontinued as of November 1st, 2016.
- Luer to Luer - ATLLLDS

**Tulip Emulsifier™**

The Tulip Emulsifier standardizes the texture of harvested adipose tissue for easy and smooth subdermal and intradermal injection with micro-injectors.

- Emulsifier Decant Stand - Luer to Luer $130 each ETL LDS
- Emulsifier Anaerobic Transfer - Luer to Luer $105 each ETL LLL
Syringe Locks and Adaptors featuring Tulip Instruments

**JohnnieLok™** $70 each
The JohnnieLok holds the plunger under vacuum for easy syringe harvesting. The plunger is drawn back to the desired pressure level then twisted and locked securely. Available syringe sizes:

- 60cc Monoject - LOK60
- 60cc BD - LOK60BD
- 20cc BD - LOK20BD
- 20cc Monoject - LOK20
- 10/12cc Monoject - LOK10
- 10cc BD - LOK10BD

**SnapLoks™** $105 each
These syringe snap locks fit into the plunger flanges of the syringe. When the plunger is pulled out, the lock snaps open on the barrel to hold the syringe under vacuum.

- 20cc - SNAP20
- 60cc - SNAP60

**Power Adaptor™** $130 each
The Tulip Power Adaptor modifies the cannula and the syringe for use with an aspirating machine.

- 60cc Monoject - PA60
- 60cc BD - PA60BD *Discontinued as of November 1st, 2016.
- 20cc BD - PA20BD
- 20cc Monoject - PA20
The Tulip Power Injector (PI4)™ $650

The Tulip Power Injector (PI4) allows the surgeon to re-inject soft tissue through large or small diameter injectors with very little effort and maximum control. The Tulip Power Injector (PI4) will fit the following syringes.

**Small Barrel:**
- 10cc BD Luer Lock
- 10/12cc Monoject Luer Lock
- 10cc Monoject for Oral Medication
- 20cc BD Luer Lock
- 20cc Monoject Luer Lock

**Large Barrel:**
- 60cc Monoject Toomey Tip
- 60cc Nipro Luer Lock
- 60cc Monoject Slip Tip

PIGUN
Syringe Stands - Designed by Tulip

The Tulip Z Stand™ $105
The ideal syringe stand for keeping your decanted tissue organized and at the ready. The Tulip Z Stand is available in 2 sizes: Large - Fits up to 6 syringes 60cc to 20cc • Small - Fits up to 12 syringes 12cc to 10cc.

Large - SYRSTDLG
Small - SYRSTDSM

Syringe Tip Caps
Keep the contents of your syringe sealed. Your choice for use with regular Luer Lock Syringes - (single-use, sterile) and Toomey tip syringes (reusable, non-sterile).

A. Luer Tip Caps, 5 sterile packs of 10 caps each (50, single-use caps) $30
   CAPSL-RED
B. Luer Tip Caps for Centrifuge, 5 sterile packs of 10 caps each (50, single-use caps) $80
   CAPSLCENT
C. Toomey Tip Caps 60cc, 5 reusable, non-sterile caps $35
   CAP60
SuperSpin – Large Volume Syringe-based Processing Designed by Tulip

Tulip SuperSpin™ $6,500
Advanced large volume tissue processing.

Tulip’s new, proprietary SuperSpin rotor securely holds:
• 60cc syringes
• 20cc syringes
• 10cc syringes.
It also has the ability to hold any 4 syringes of variable sizes simultaneously.

The SuperSpin has an autoclavable rotor and syringe holders that make sterile processing simple.

• Rotor holds 4 syringes • 800-5000 rpm speed range
• 4,250 Max G-force 120V with a DC motor • Made in the USA
CENT60
Small Volume Fat Processing Centrifuge selected by Tulip

Tulip Laboratory Centrifuge  $820
Accurate speeds for specific g-forces deliver proper separations in adipose tissue without cell damage. The unique design makes this unit ideal for the Coleman Technique.
Compatible with 10cc syringes.
CENT-D

Tulip Crown™
A tiny device with a huge impact - Tulip Crowns change the centrifuge game. The Crown is designed to keep syringe contents in a virtually anaerobic atmosphere during centrifuging. Simply attach a Crown to the syringe plunger, harvest, then twist the plunger off. The Crown also has a bonus, self-sealing extractor port for cleanly removing contents from any layer of centrifuged tissue. Patent-Pending

<table>
<thead>
<tr>
<th>Capacity</th>
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<tr>
<td>60cc BD</td>
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<td>20cc BD</td>
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<tr>
<td>10cc BD</td>
<td>$125</td>
<td>CROWN10BD</td>
</tr>
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*Discontinued as of November 1st, 2016.*
Instrument Cleaning Accessories by Tulip

**Tulip CellFriendly Instrument Cleaning Brushes™** $120 for each kit
These brushes are specially designed to clean CellFriendly Cannulas. Soft nylon bristles clean the lumen without damage to the CellFriendly surface. Use only Tulip Cleaning Brushes and Tulip Soft Picks on Tulip cannulas to maintain the CellFriendly benefits.

- Small - For cleaning 0.9, 1.2, and 1.4mm cannulas, 10 Brushes
  - BRUSH-SM
- Medium - For cleaning 2.1, 2.4, and 3.0mm cannulas, 10 Brushes
  - BRUSH-MED
- Large - For cleaning 3.7 and 4.6mm cannulas, 5 Brushes
  - BRUSH-LG
- XLong - For cleaning Power Handle cannulas
  - BRUSH-XLG

**Tulip Soft Picks™** $20 for each kit
Cleaning even the smallest CellFriendly micro injectors is quick, easy and gentle. Guaranteed not to score, abrade or contaminate, Tulip Soft Picks are the ideal single-use cleaning solution for smaller diameter cannulas and microinjectors. Autoclavable for use in the sterile field, if desired.

- Micro - For cleaning 0.7mm & 0.9mm Cannulas, Length-10cm Pack of 10
  - TSP 19/20 X10cc
- Small - For cleaning 1.2mm, 1.4mm & 1.6mm Cannulas, Length-15cm Pack of 10
  - TSP 16/17/18 X 15cm
- Medium - For cleaning 2.1mm, 2.4mm & 3.0mm Cannulas, Length-25cm Pack of 10
  - TSP 11/13/14 X 25cm

**Tulip Gold Standard Autoclave Trays™**
Tulip’s new Gold Standard autoclave trays are custom-designed to protect, house and store Tulip Gold Standard Sets and individual Tulip instruments. Additional top mats available.

- Medium - Micro and Facial Cannulas (15.24 x 25.40 x 4.45 cm) $350
  - TRAYGSMED
- Large - Facial and Body Cannulas (15.24 x 40.64 x 4.45 cm) $400
  - TRAYGSLG
### Standard Tulip Medical Products Instrument Dimensions*

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<thead>
<tr>
<th>TUBING DETAIL</th>
<th>GAUGE</th>
<th>LENGTH</th>
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<td>XXcm**</td>
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<td>0.5mm 0.64mm OD(0.43mm ID)</td>
<td>23GA</td>
<td>XXcm**</td>
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<td><strong>MICRO</strong></td>
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<td>0.7mm 0.91mm OD(0.66mm ID)</td>
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<td>1.6mm 1.65mm OD(1.36mm ID)</td>
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<tr>
<td><strong>MACRO</strong></td>
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<tr>
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<td>11GA</td>
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</tr>
<tr>
<td>3.7mm 3.76mm OD(3.00mm ID)</td>
<td>09GA</td>
<td>XXcm</td>
</tr>
<tr>
<td>4.6mm 4.57mm OD(3.81mm ID)</td>
<td>07GA</td>
<td>XXcm</td>
</tr>
</tbody>
</table>

*Key: GA Gauge, OD Outside Diameter, ID Inside Diameter

** Only available in single-use

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**What is Tulip CellFriendly™?**

**See The Difference**

Over time reusable cannulas can corrode and become more porous, creating potential harbors for microbial growth. Now with Tulip’s Premium, Single-Use GEMS, related risks of infection and cross-contamination are virtually eliminated.