

SURGICAL INNOVATIONS

LIPOSUCTION | FAT MICRONISATION | FAT TRANSFER
SKIN GRAFTING | COMPRESSION GARMENTS



**Cutting-edge technologies, hand-picked to provide
convenient solutions for improved patient outcomes**



SAMSONMEDTECH.COM

About Us

Samson Medical Technologies was established in 2015 with a vision to provide innovative, clinically proven biotech, medical and cosmetic technologies to the Australian and New Zealand markets.

Headquartered in Sydney with on the ground presence & support in all states and territories.

We have key relationships with leading manufacturers both in ANZ and globally. This allows Samson to be at the forefront of new product developments, global trends and treatments in demand.

Our purpose

We work with some of the brightest and most skilled individuals in our society. Our purpose is simply to augment these skills using our technologies to improve patient outcomes.

\$150m Liposuction is the #1 cosmetic surgery procedure

Approximately
200,000 cosmetic and aesthetic procedures per year

17,000 breast reconstruction and augmentation cases

1,600 skin grafting and scar revision cases

2015

Samson Medical Technologies was established by Andrew Nutman (CEO)

Supplying Skin Needling and Fat Grafting technologies

2017

Started **collaboration** with Australian Biotechnologies to bring Allograft into the Plastic Surgery market

Launched the first Plasma Pen technology

2019

First Costal Cartilage Allograft successfully used by Dr Ellis Choy

Launched the first nano fat technology, in Australia, with the Adinizer

First to launch vacuum assisted FUE hair restoration in Australia

2020

Developed custom allograft solutions

Expanded our Allograft portfolio into Oral Maxillofacial surgery

2021

Broadened our reach in Fat Grafting and brought to market innovative Liposuction technologies

Launched the first Australian made collagen membranes manufactured by Orthocell

First paediatric ear reconstruction using Costal Cartilage Allograft

2022

Launched a Skin Grafting technology by Nouvag

Researched and developed our own range of in-rooms Allograft called Maxifore

Launched Genefill in New Zealand - the first body contouring HA filler

LATEST LARGE VOLUME FAT TRANSFER TECHNOLOGY

In a crowded market with options that over promise, are overly complicated and over-priced, Samson Medical Technologies now brings you a Class IIa medical device that has been CE certified since 2015 and is now registered with the TGA.

Works in line with all major aspirating technologies.

The NLF 2 System[®] for Fat Grafting Collection is a **single use, pre-sterilised** fat transfer system suitable for liposuction and lipofilling procedures. This system allows for a large volume fat collection within a micron filter which separates it from the waste. The fat can then be extracted for fat transfer.

Key benefits:

- Canisters and accessories are single use and supplied sterile, they are ready to use
- Active suction that decants the fat even quicker

The system includes the following*:

- 1 canister with filter – 1 litre capacity
- 1 canister tubing
- 1 sampling tubing
- 1 aspiration tubing
- 1 scraper



NOUVAG⁺

Lipo
Surg

MULTIFUNCTION LIPOSUCTION SYSTEM

What is the Nouvag LipoSurg?

The Nouvag LipoSurg system offers a **powerful liposuction option for basic and tumescent assisted liposuction**. It combines the functions of **infiltration and motor-assisted vibration liposuction into a single, compact device**. This **high-quality Swiss-made device** provides a complete system that is simple and easy to operate while offering a wide range of flexibility.

Nouvag LipoSurg features a **power assisted device** that is **easier for surgeons to control**, allowing **more precise and thorough fat aspiration**. It produces rapid, small reciprocating **vibrations to break up fat**, so that it can easily be aspirated through the cannula. Surgeons can remove more fat in a shorter period of time, which leads to enhanced results, a safer procedure, and faster recovery.

How does the LipoSurg work?

The desired values for infiltration and liposuction are simply set by selecting the function and pressing the ascending or descending arrow keys. Once the values are set, the liposuction or infiltration can be controlled by the VARIO or the ON / OFF foot pedal. The integrated high-volume infiltration system utilises balanced pressure for tissue protection and a flow rate of 400 ml/min. The extraction of fat is achieved with the Nouvag Vacuson 60 high vacuum pump, providing high flow rate of 60 litres per minute, ideal for efficient liposuction.

The Nouvag LipoSurg allows surgeons to connect any **luer lock cannulas** of their choice, as well as offers a range of high-quality Nouvag liposuction cannulas.

Key features:

- Basic or power assisted liposuction and infiltration
- Compact and portable with all features on one stand
- Simple and easy operation
- Soft and flexible tubing and cabling
- High-quality Swiss device
- 5 year warranty on vacuum pump



* LipoSurg Cart is sold separately



Fast and easy suction of the fat



Low vibration and lightweight handpieces



Enlarged suction channels for optimal fat extraction



No CAPEX outlay
on consumable
subscription*

CLOSED-LOOP AUTOLOGOUS FAT TRANSFER SYSTEM

What is the 24K LipoKit System?

Whereas traditional fat transfer techniques and equipment require overfilling and the use of multiple devices, which increases the risk of cross-contamination, the 24K LipoKit System is an efficient and easy to use 'closed-loop' system that utilises a patented FPU (Fat Processing Unit) syringe. From harvesting the fat to processing it, the fat stays inside the same syringe and this ensures there is no exposure or risk of cross-contamination.

How does the 24K work?

Inside the FPU is where the huge science and technological advancement has been made. The patented Dynamic Weighted Mesh Filtration piston gently separates and removes excess fluids and oils for a higher quality yield of adipose tissue per cc for re-injection. This leads to far superior and longer lasting results.

24K harvested and processed fat can be used in the following areas:

- Breasts
- Face
- Body
- Hands

Features of the 24K LipoKit System

- Simple centrifugation and transfer not only offers a **reduced risk of cross-contamination**, but also allows for streamlined procedures which cuts down on surgical time
- The **fully customisable system** allows for the use of the surgeon's own preferred cannulas for infiltration and aspiration
- Adaptable transfer of **highly concentrated and condensed ADSC rich fat** to standard luer lock syringes allows for smaller area injection through connectors
- The 24K LipoKit System is designed to **work in conjunction with** the Adinizer Fat Micronizing tool

Focus on patient outcomes



Improved patient outcomes through reduced risk of cross-contamination



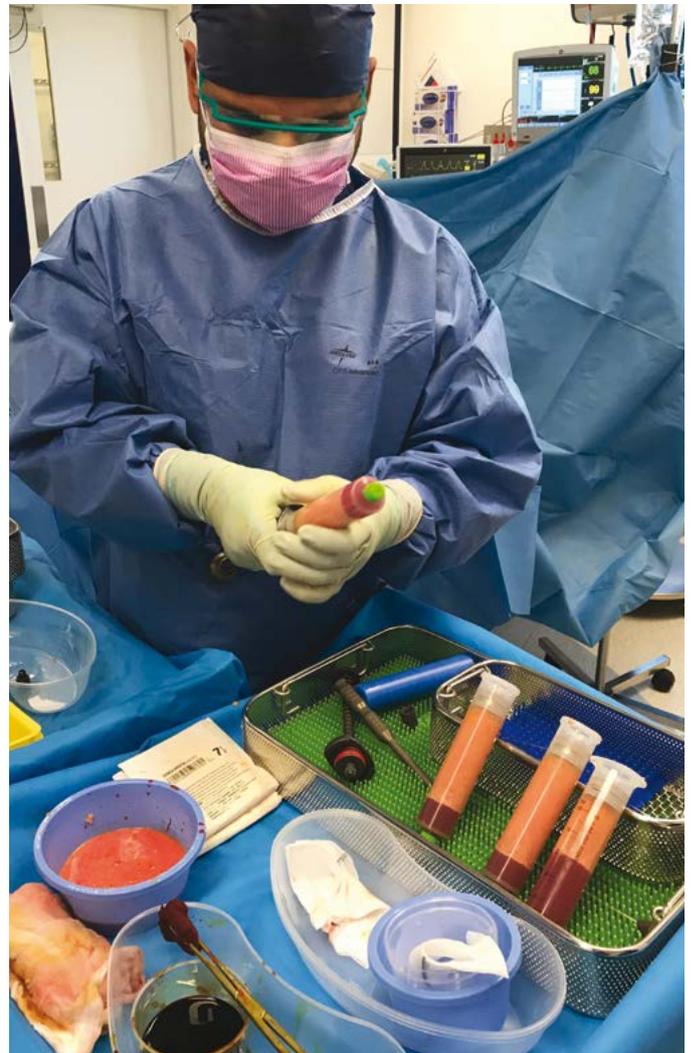
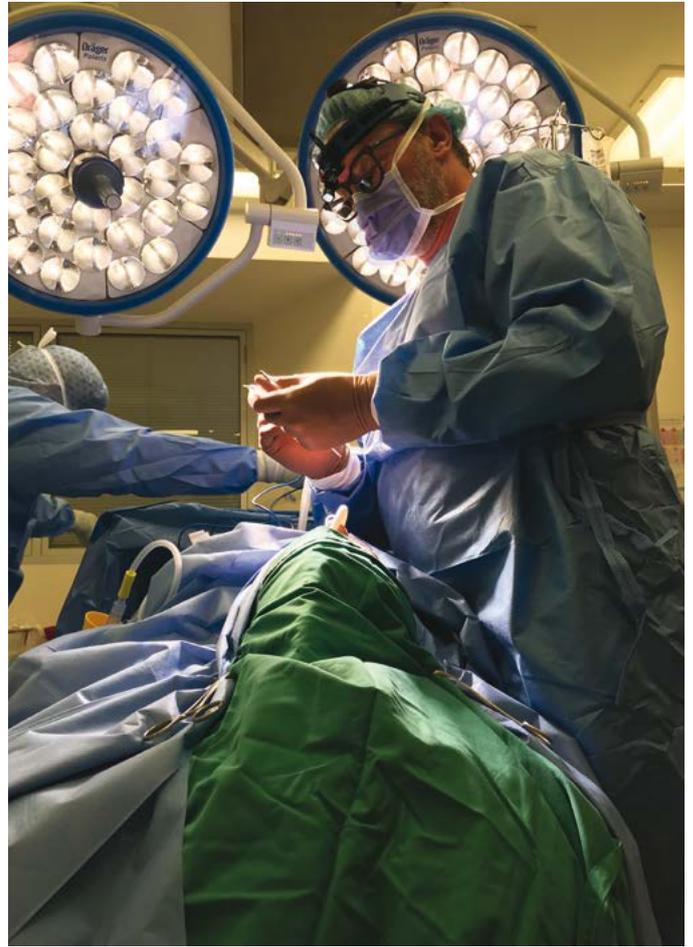
Higher quality yield and ADSCs allow for longer-lasting results



Reduced procedure complexity through easy-to use, efficient closed-loop system



Reduced surgical time through streamlined procedures



ADINIZER

FAT MICRONIZING

FULLY
DISPOSABLE
KITS

A HIGHLY EFFICIENT FAT MICRONISATION TOOL

What is the Adinizer?

The Adinizer is the very latest development in fat grafting, that gives surgeons the opportunity to easily and effectively process harvested fat into fine, homogenised fat tissue without emulsification. The harvested fat can be homogenised into nano-fat, micro-fat or fine gel for various applications. The Adinizers are single use and are available in 4000, 2400, 1200 and 600 microns. The discs are not simple filtering discs; each one has sharp bladed edges in every corner of its disc holes.

Surgeons are now able to tailor the fat graft to the procedure, instead of a one size fits all approach.

Wrinkles, cheeks and breasts all require different fat consistency or viscosity.

How does the Adinizer work?

- Each Adinizer is supplied sterile and is single use
- There are 4 different sized Adinizers 4000, 2400, 1200 and 600 microns
- The syringe containing the harvested and processed fat is then connected to one end of the Adinizer, whilst a new empty syringe of the same size is connected to the other end of the Adinizer
- The harvested fat is then pushed back and forth between the two syringes 5 times. This action transfers the fat through the Adinizers. **This uniformly cuts down the fat globules to the designated size**

- **Harvested fat must be cut down in descending order from the largest size to the smallest size** i.e. start with 2400 microns, cut down to 1200 microns and then to 600 microns. Freshly harvested and processed fat cannot be cut down to 600 microns without passing through the 2400 and 1200-micron blades first
- **Once the desired size has been reached**, the adinised fat can then be transferred to 1ml syringes for re-injection
- Designed to work in conjunction with the 24K LipoKit System

How can the Adinizer be used with Fat Grafting?

- The adipose tissue sizes of the homogenised fat through the Adinizers are 4000, 2400, 1200 and 600 microns
- The 4000 micron homogenised fat tissue is recommended for breast volume fat grafting. The fat can be injected using a 14-18G cannula
- The 2400 micron homogenised fat tissue (micro-fat) is recommended for face volume fat grafting. The fat can be injected with an 18-20G cannula
- The 1200 micron homogenised fat tissue (nano-fat) is recommended for fine facial fat grafting. The fat can be injected using a 20-23G cannula
- The 600 micron homogenised fat tissue (fine fat gel) is recommended for wrinkles and fine facial lines. The fat can be injected using a 23-25G cannula





SKIN PORTS AND CANNULAS

Carefully hand-picked selection of cannulas and skin ports for majority of your liposuction and lipofilling needs. Our aspiration and infiltration cannulas are of an outstanding quality and superb finish.

*If you require a different type of cannula, please contact us directly to find out about our wide range of customisable options available.

Skin Ports

For protecting the liposuction site

EXO-PORT™ liposuction skin ports were designed for procedures which require the need for protecting the incisional site from frictional or thermal abrasions that may occur in power assisted and/or particularly in ultrasound-assisted liposuction.

EXO-PORT™ Description	UOM
EXO-PORT™ liposuction skin port; Ø3.0mm	Pack/5
EXO-PORT™ liposuction skin port; Ø4.0mm	Pack/5
EXO-PORT™ liposuction skin port; Ø5.0mm	Pack/5



EXO-PORT MAX™ Description	UOM
EXO-PORT MAX™; Ø5.0mm	Pack/5



Infiltration Cannulas

For tumescent lidocaine anesthesia

CLINIMED tumescent infiltration/infusion cannulas are designed to be safe and efficient. Manufactured with a blunt tip, they minimise the risk of lacerating blood vessels and nerves in the adipose tissue, and help to avoid puncturing deeper tissue planes thereby reducing the risk of pneumothorax and peritoneal puncture.

The apertures are configured in a spiral pattern to facilitate the even distribution of the TLA solution.

2Q (360)

One half perforated cannula 50% from the tip for small to medium volume (250ml to 1000ml) infiltrations. Suitable for breast, arms, legs and body applications.

Description	Hub
2Q infiltration/infusion cannula w/5x3 radial holes, 360° spray; Ø2.0mm	Luer lock





Aspiration Cannulas

For body contouring

Our range of aspiration cannulas provide the most frequently used options from moderate (small volume) to aggressive (large volume) for body contouring.

Each cannula has been designed and manufactured to provide optimal results. A variety of shapes, features, and sizes allow the surgeon to tailor their approach. Our innovative, modular design facilitates fast and easy cannula exchanges based on the body type and target site.

MERCEDES 1X3 (360)

Mercedes 1x3 cannulas are moderately aggressive, suited for high volume fat extractions.

Description	Hub
Mercedes 1x3 radial vent cannula, 360° of extraction; Ø3.0mm	Nouvag
Mercedes 1x3 radial vent cannula, 360° of extraction; Ø4.0mm	Nouvag



MERCEDES TRIPLE 3X3 (360)

Mercedes Triple 3x3 cannulas are aggressive liposuction cannulas, suited for high volume fat extractions and fibrous tissue.

Description	Hub
Mercedes Triple 3x3 radial vent cannula, 360° of extraction; Ø4.0mm	Nouvag
Mercedes Triple 3x3 radial vent cannula, 360° of extraction; Ø5.0mm	Nouvag



MERCEDES PLUS 2X3 (360)

Mercedes Plus 2x3 cannulas are aggressive liposuction cannulas, suited for high volume fat extractions and fibrous tissue.

Description	Hub
Mercedes 2x3 radial vent cannula, 360° of extraction; Ø3.0mm	Nouvag
Mercedes 2x3 radial vent cannula, 360° of extraction; Ø4.0mm	Nouvag



H. BECKER EVL 1X3 (360)

Becker basket 1x3 cannulas are aggressive cannulas suited for high volume fat extractions, debulking, dissection, and pre-tunnelling.

Description	Hub
H. Becker basket/EVL 1x3 radial vent cannula, 360° of extraction; Ø4.0mm	Nouvag
H. Becker basket/EVL 1x3 radial vent cannula, 360° of extraction; Ø5.0mm	Nouvag



ELECTRIC DERMATOME

For skin grafting and burns care

The Nouvag Dermatome is the pinnacle of Swiss engineering. It is a surgical skin grafting device with a highly accurate & precise cutting action for skin grafts as fine as 0.05mm. The compact control unit is simple to operate, lightweight and portable.

Skin sections taken with the Dermatome are spread on the chosen skin carrier plate and pushed through the Mesher. The resulting perforation in the skin section allows it to be stretched in a variety of widths and ratios to best suit the application.



Key features

Dermatome:

- High quality, Swiss manufacturing
- Compact, portable, lightweight control unit
- Brushless electric motor
- Tool-free handling
- Weight-optimised handpiece
- Speed - 14,000rpm
- Cutting width 25mm, 50mm, 75mm, 100mm
- Cutting depth 0.05mm – 1.00mm
- Cutting blades supplied sterile ready for use

Skin Expansion System – Mesher

- Convenient tool-free setup
- Easily removable blade roller Ø 30mm

Mesher unit

Skin expansion system



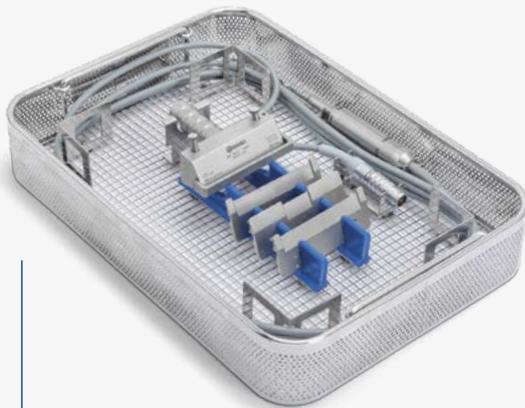
Control unit

Motor system for reconstructive surgery



Dermatome handpieces

100mm or 75mm wide with respective adaptor plate



Sterilisation handpiece tray



Adaptor plates

3 sizes (25mm, 50mm, 75mm)



Dermatome blades

(100mm, 75mm)



Brand
your own
compression
garments

PERSONALISED **COMPRESSION** **GARMENTS** FOR ALL YOUR SURGICAL PROCEDURES

Our Garments

Our specialist, high quality range of post-surgical compression garments has been designed drawing on our years of experience within the medical, aesthetic and plastic surgery industries.

Our garments offer your patients the latest technology providing the best-in-class designs for all kinds of procedures. Each specialised garment offers a calibrated degree of compression for greater comfort, mobility and appropriate support. You also have the opportunity to personalise the garments with your brand.

Face

Compressive facial garments offer suitable support for your patient's post-operative needs for each type of facial procedure.

This range includes facelift masks, chin straps and ear bands.

Breast

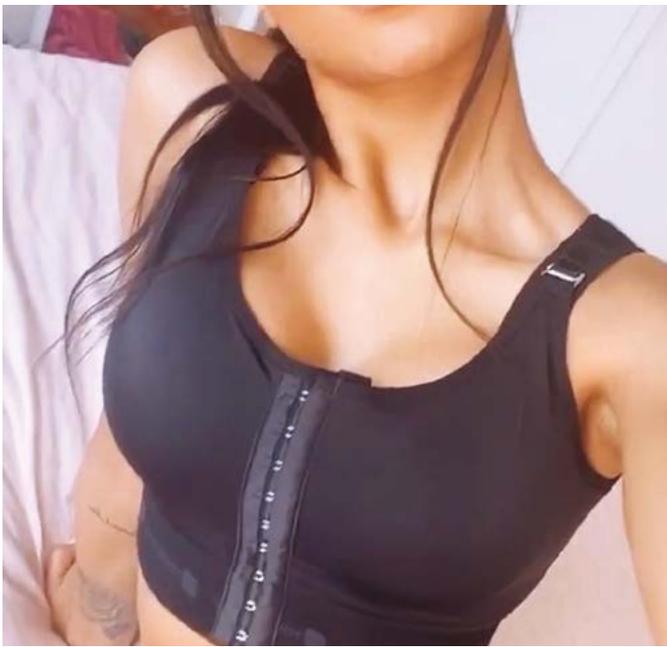
Our post-surgical bras and stabilisers are carefully designed and made from a special purpose fabric to ensure maximum comfort during healing. They compress the body without crushing the breast and provide effective support for the bust. By immobilising the bust, they accelerate the healing and recovery process.

This range includes a wide variety of bras and stabiliser bands.

Body

Compressive garments for body procedures offer suitable post-surgical support for each type of procedure.

This range includes bodysuits, binders, panties, sleeves, knee and ankle supports, as well as lipofilling garments.



REQUEST A DEMO OF OUR LEADING
SURGICAL TECHNOLOGIES
AND ACCESSORIES TODAY!

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