

MICRONIZER®

Product Info & Instructions for Use



STERILE EO



Manufactured For
Marina Medical Instruments, Inc.
8190 W State Road 84, Davie, FL 33324, USA
info@marinamedical.com
+1 (954)-924-4418



Medreview OU
Alemaa 13, Tallinn, Estonia 13516
medreviewestonia@gmail.com

Storage and Handling

1. Open the product in a sterile field, following OR procedures.
2. Store in a dry place, at room temperature.
3. Keep away from direct sunlight.
4. Dispose used Micronizer according to biohazard regulations.

Each pack contains 10 individually packaged pieces, which should be discarded if the package is opened or damaged.

For most up-to-date instructions for use, go to micronizerusa.com or scan the QR code below.

For any Questions or Concerns, please contact
Marina Medical Customer Service:
Phone: +1-954-924-4418
Email: info@marinamedical.com



General Description

The Micronizer by Marina Medical is a device designed for adipose tissue processing, allowing qualified medical professionals to resize harvested adipose into smaller, homogenized tissue.

It is a single-use sterile product, featuring a stainless-steel blade in the middle of the device to provide bidirectional cutting action.

To accommodate various procedures and techniques, the Micronizer is available in two sizes— 1.2mm and 2.4mm.

Product codes for reference:

800-512 Micronizer 1.2mm, Clear, Box of 10

800-524 Micronizer 2.4mm, Blue, Box of 10

The larger device with a 2.4mm ID (blue) is recommended for use in small volume fat grafts with a 14 -18 Gauge injection cannula, while the smaller device with a 1.2mm ID (clear) is recommended for use in fine fat grafting, with a 20 or 22 Gauge injection cannula.

It is not permitted for sale or use for non-medical professionals.

Intended Use

For resizing autologous adipose tissue.

Warnings

- Read IFU before use.
- Do not use if the packaging has been damaged or compromised.
- Avoid using excessive force.
- Single Use.

Precautions

- Visually Inspect the packaging before use.
- Open product in a sterile field, following OR procedures.
- Micronizer is intended to be used by qualified medical professionals only.
- Micronizer is intended for use with standard luer lock syringes only.

Instructions for Use - Micronizer 2.4mm – Blue

Recommended procedure for obtaining and resizing Milli fat to Micro fat.

1. Visually inspect packaging before use.
2. Open product in a sterile field, following OR procedures.
3. Extract fat from the patient using a 12 Gauge / 2.7mm Koume Harvesting Cannula, this will be your milli fat. Store in a 20cc luer lock syringe.
4. Take Micronizer and attach 1 empty syringe to one end and second syringe with harvested tissue to the other end.
5. Ensure both syringes are tightly sealed to the device.
6. Pass tissue from one syringe to the other syringe by pushing on the plunger. Perform 2 to 3 passes.
7. Harvested tissue has now been resized/cut in half, resulting in Micro fat.
8. Tissue can now be re-injected using a 14G to 18G cannula.
9. After use, discard Micronizer 2.4mm following OR procedures.

Note: If a 14-18G injection cannula is clogging, reconnect the same Micronizer and perform 2 additional passes and test until desired result is achieved.

Instructions for Use - Micronizer 1.2mm - Clear

Recommended procedure for resizing Micro fat to Nano fat.

Required – In order to use the Micronizer 1.2mm, adipose tissue must be resized with Micronizer 2.4mm(blue) so that the fat aliquots are approximately 1.0 to 1.2mm in size. Complete steps 1-7 from Instructions for Use - Micronizer 2.4mm

1. Visually inspect packaging before use.
2. Open product in a sterile field, following OR procedures.
3. Take the luer lock syringe with adipose tissue that has been resized to micro fat or approx. 1.0 to 1.2mm aliquots and attach it to the Micronizer 1.2mm.
4. Attach empty luer lock syringe (5cc or 10cc) to the Micronizer 1.2mm.
5. Ensure both syringes are tightly sealed to the device.
6. Pass tissue from one syringe to the other syringe by pushing on the plunger. Perform 2 to 3 passes.
7. Adipose tissue has now been resized/cut in half, resulting in Nano fat.
8. Tissue can now be re-injected using a 20G to 22G cannula.
9. After use, discard Micronizer 1.2mm following OR procedures.

Note: If desired result is not achieved after 3 passes or the cannula keeps clogging, perform 2 additional passes, and try again until desired result is achieved.