PRODUCT DATA SHEET

MICRONEEDLE CARTRIDGES

Three different needle configurations for different applications

- 1-liner for ice pick acne scar treatment
- 3-liner for large ice pick acne scar treatment
- 6-point needle plate for boxcar and rolling acne scar treatment

The small, tilting needle plate contains tiny metal needles. It adapts perfectly to the skin's surface and thus facilitates access to difficult areas. The needles perforate the skin only for an instant and the epidermis in between the punctures stays unharmed.

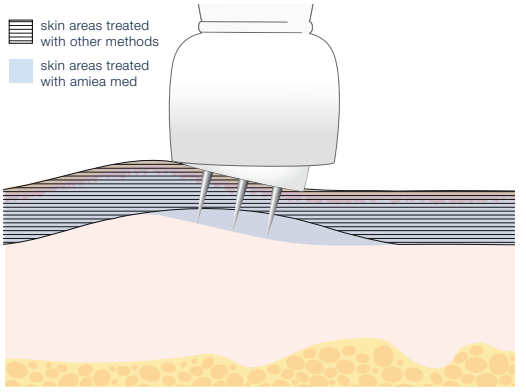


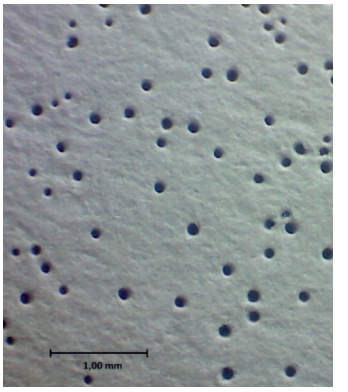
APPLICATIONS

- Clinical Microneedling of acne scars

FEATURES	BENEFITS
Different needle configurations	• Allows to choose appropriate needle for each treatment • Better results due to suitable needle size
Tilting needle plate	• Adapts to the surface of the skin • Assures perpendicular needle penetration • Less snagging on the skin surface • Minimal epidermal trauma
Single needles	• Higher penetration force • Deeper penetration • Less pain for the patient
Safety membrane	• Prevents backflow of the liquids • No risk for contamination of the handpiece
Sterile and for single use only	• Low consumable costs

ADVANTAGES





All areas are easily accessible due to the tilting needle plate

- easy access also to difficult areas due to the small size and tilting needle plate
- low epidermal trauma due to powerful skin penetration and strong needle force
- very low risk of infections, due to the rapid closure of the puncture
- redness fades away shortly after the treatment
- negligible undesirable side effects
- minimal convalescence
- long lasting results

TECHNICAL PARAMETERS

6-point needle plate

- Max. needle length: 1.5 mm
- Ø needle (at the bottom): max. 0.2 mm
- Ø needle tip: virtually zero
- Ø cartridge head: 12 mm
- Gap between needles: 1.5 mm
- Art.-Nr.: EMNPA0206MP

1-liner

- Max. needle length: 2 mm
- Ø needle (at the bottom): 0.4 mm
- Ø needle tip: virtually zero
- Art.-Nr.: EMNSA0201MP

3-liner

- Max. needle length: 2 mm
- Ø needle (at the bottom): 0.3 mm
- Ø needle tip: virtually zero
- Art.-Nr.: EMNSA0203MP

Patents

- US 6,505,530; US 6,345,553; US 8,029,527
- EP 1 495 782; EP 1 618 915; EP 2 462 979
- Additional patents pending

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