

EXCEED

Extremely high-level medical microneedling to clinically improve post acne scarring, in particular, to reduce the depth of the acne scars and normalise the skin structure.

The needles can be operated at a frequency of up to 150 punctures per second. The protrusion of the needle can be set on a precise scale.



APPLICATIONS

- Clinical Mircroneedling of post acne scars

FEATURES

Adjustable needle speed	• High power results in deeper penetration • Less pain and minimal downtime
Needle length freely selectable	• Scale of 0 to 1,9 ensures reproducability of needle length setting • Appropriate needle length for each area with our exchangeable cartridges • Sensitive or aggressive treatment
Precision and power	• Low epidermal trauma • Low noise and vibration • Superior results
No ablation of the epidermis	• Minimal downtime • Treatment of Fitzpatrick I–V • Thickening of the epidermis
Specials	• High-contrast digital display • Setting of foot-switch function • Key tone settings
German Technology	• Two years warranty • Supportive training and marketing material

TYPES AND ETIOLOGY OF ACNE SCARS

All scarring is composed of the same collagen as the tissue it has replaced, but the composition of the scar tissue, compared to the normal tissue, is different. Atrophic scars are sunken, because the collagen bundles do not overextend the tissue.



Ice Pick Scar



Box Scar



Rolling Scar

Microneedling achieves scar texture improvement by:

- stimulation of percutaneous collagen induction
- reduction of scars depth
- normalization of skin structure
- minimal invasive without conducting open wounds
- very short regeneration phase/downtime

TECHNICAL PARAMETERS

Device

- Type: AD61MP
- Rated voltage: 15 V DC
- Protection class: 2
- Working frequency: From 100 to 150 punctures per second
- Width x height x depth: 198 x 45 x 176 mm
- Total weight: Approx. 1100 g

Handpiece

- Type: CME21MP
- Drive: Precision motor – DC
- Operating mode: Continuous operation
- Weight of the handpiece: Approx. 80 g
- Cable length: < 3.0 m

Operating conditions

- Ambient temperature: +15 °C to +25 °C
- Relative humidity: 30% to 75%
- Air pressure: 500 to 1060 hPa

Accessories

- Safety needle cartridges (sterile single-use products):
 - 6-needleplate 1.5 Exceed EMNPAED06MP
 - 1-Liner Exceed EMNSAED01MP
 - 3-Liner Exceed EMNSAED03MP
- Footswitch (cable length < 3.0 m): E100201MP
- Handpiece cover: E0610

Patents

- US 6,345,553; US 6,505,530; US 8,029,527
- EP 1 495 782; EP 1 618 915; EP 1 958 659; EP 2 462 979
- Additional patents pending