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Targeting SMAS

Directly target SMAS layer

Dual handpieces

Standard HP,
Pen-type HP

7 cartridges

Various indications

Depth control

1.5, 3.0 4.5, 10, 13 mm

Multi-layer Tx

Treat multiple layers using
various cartridges

✓ Clinical Indication



- Skin rejuvenation
- Skin tightening
- Acne
- Face lifting
- Scar
- Neck lifting
- Wrinkle

✓ Technical Specification

Standard Handpiece

Frequency	4 MHz, 7 MHz
Max. Energy	3.0 J/cm ²
Cartridge	7 MHz: 1.5 mm, 3.0 mm, 4.5 mm for face 4 MHz: 10 mm, 13 mm (option) for body and fat
Spacing	1.0-2.0 mm (0.1 mm step) for fat
Power Level	Adjustable 1-10 level
Length	Full length: 25 mm, 20 mm, 15 mm
Spot Size	< 3 mm
Electrical Requirements	100-240 V 50/60 Hz 1 A 150 VA
Dimension (W*L*H)	500 mm (W) X 500 mm (L) X 1100 mm (H)
Weight	30 Kg

Pen-type Handpiece

Frequency	7 MHz
Max. Energy	3.0 J/cm ²
Cartridge	7 MHz: 1.5 mm, 3.0 mm
Power Level	Adjustable 1-10 level
Speed	1-4 shots
Spot Size	< 3 mm
Electrical Requirements	100-240 V 50/60 Hz 1 A 150 VA
Dimension (W*L*H)	500 mm (W) X 500 mm (L) X 1100 mm (H)
Weight	30 Kg

For international use only

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HI-REX

High-intensity focused ultrasound

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Product Overview

HI-REX is a HiFU device specifically designed for dermatological applications. This versatile device is equipped with two distinct handpieces—the standard handpiece and the pen-type handpiece—offering physicians a range of flexible options to tailor treatments to the unique needs of their patients.

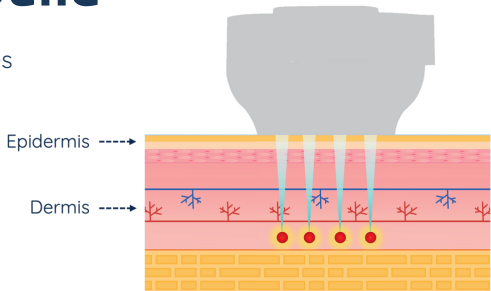
The standard handpiece is optimized for larger treatment areas such as the face or body. Its design facilitates efficient coverage of extensive regions, making it perfect for treatments aimed at overall skin tightening, body contouring, and extensive facial rejuvenation.

Conversely, the pen-type handpiece is crafted for precision, making it the tool of choice for smaller, more delicate facial areas. Its refined design allows for meticulous targeting of specific regions, such as around the eyes, mouth, and other intricate facial contours.



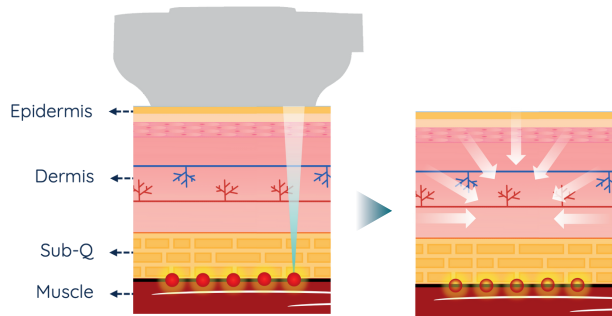
High-intensity Focused Ultrasound

- Penetrates deep into the skin with high-frequency ultrasound waves
- Precisely targets specific tissue depths
- Generates heat at the focal point
- Causes tissue coagulation and tightening
- Prevents superficial skin damage
- Minimizes discomfort and recovery time



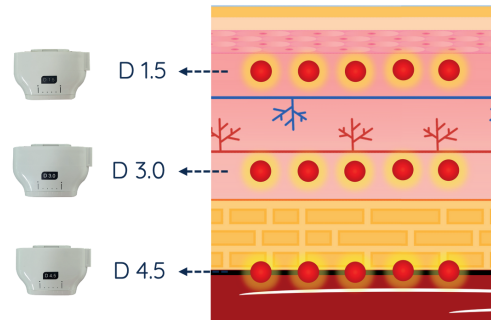
Targeting SMAS

- Targets the SMAS layer, delivering focused ultrasound energy that induces thermal coagulation and collagen denaturation within the tissue.
- Causes immediate contraction and tightening of the SMAS layer.
- Stimulates the production of new collagen and elastin fibers over time, enhancing skin firmness and elasticity.
- Compared to other energy-based devices such as laser, HiFU penetrates deeply and precisely targets the SMAS layer, providing significant lifting and firming effects.



Multi-layer Tx

- Treat multiple layers using various cartridges
- Achieves three-dimensional tightening and lifting effects.
- Provides cartridges designed to provide corresponding penetration depths.
- Enables precise targeting of multiple layers of skin and tissue.
- Enhances the overall efficacy of the treatment.
- Improves skin firmness, contour, and rejuvenation across various facial and body areas.



Dual Handpieces

HI-REX features two types of handpieces: the Standard Handpiece and the Pen-Type Handpiece. The Standard Handpiece is ideal for treating larger areas on the face and body, while the Pen-Type Handpiece is specifically designed for precise treatment of small and sensitive areas.



Standard Handpiece
for treating larger areas on the face and body



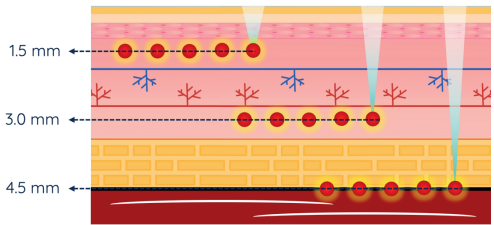
Pen-type Handpiece
for precise treatment of small and sensitive areas

7 Cartridges & Depth Control

HI-REX provides five unique cartridges for the Standard Handpiece and two for the Pen-Type Handpiece. Each cartridge is designed with specific frequencies and penetration depths, ensuring an optimized treatment approach for a wide range of skin conditions.

Standard Handpiece					
Cartridge					
Penetration	D 1.5 (1.5 mm)	D 3.0 (3.0 mm)	D 4.5 (4.5 mm)	D 10 (10 mm)	D 13 (13 mm)
Frequency	7 Hz	7 Hz	7 Hz	4 Hz	4 Hz

Pen-type Handpiece		
Penetration	D 1.5 (1.5 mm)	D 3.0 (3.0 mm)
Frequency	7 Hz	7 Hz



The penetration depth is adjustable, with available settings of 1.5 mm, 3.0 mm, 4.5 mm, 10 mm, and 13 mm.

