

## Indication



# BUTERA

HiFU

## Technical specification

Standard HP	Frequency	4 MHz, 7 MHz
	Max. Energy	3.0 J/cm <sup>2</sup>
	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 HP	Frequency	7 MHz
	Max. Energy	3.0 J/cm <sup>2</sup>
	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

BUTERA is a HiFU device designed for aesthetic purposes, offering a versatile approach to non-invasive skin rejuvenation. This innovative device is equipped with both a standard handpiece and a pen-type handpiece, providing practitioners with flexibility and precision to the desired treatment areas.

The standard handpiece allows for broad coverage, making it suitable for larger facial as well as body areas, while the pen-type handpiece offers a more detailed and focused application, ideal for small facial areas.

BUTERA stimulates collagen production and tightens the skin, resulting in a firmer and more youthful appearance.

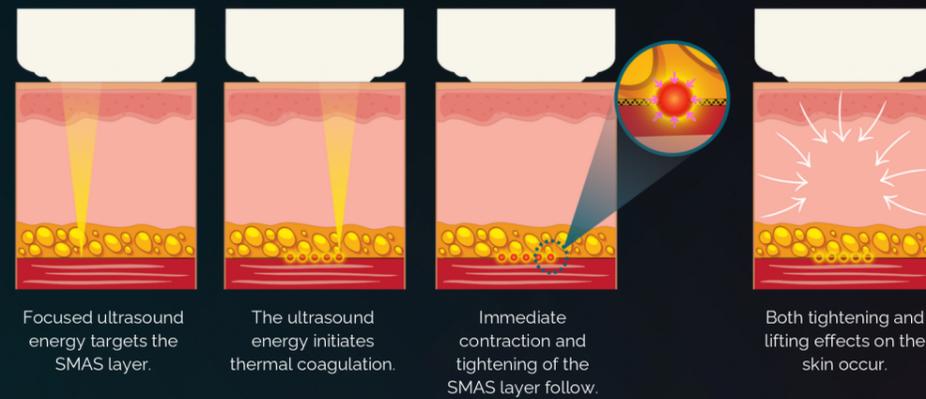
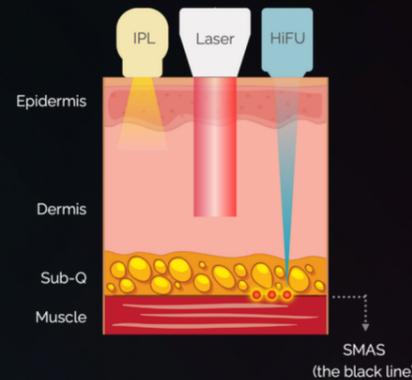


# Targeting SMAS

The SMAS layer is a fibrous tissue layer located beneath the skin and above the facial muscles, and it is a key component in facial support and contributes to facial contour and firmness.

HIFU targets the SMAS layer. When the focused ultrasound energy reaches the SMAS layer, it induces controlled thermal coagulation and denaturation of collagen fibers within this tissue which leads to immediate contraction and tightening of the SMAS layer, resulting in a lifting effect on the skin above. Additionally, the heat generated stimulates the production of new collagen and elastin fibers over time, further enhancing skin firmness and elasticity.

In comparison to other energy-based devices, HIFU effectively penetrates deep enough and precisely targets the SMAS layer.



# Dual Handpieces & 7 Cartridges

Butera offers two handpieces - a standard handpiece and a pen-type handpiece. The standard handpiece allows for broad coverage, making it suitable for larger facial and body areas. The pen-type handpiece offers a more detailed and focused application, ideal for small facial area.



## Targeting SMAS

Directly target SMAS layer

## Dual handpieces

Standard HP  
Pen-type HP

## 7 cartridges

Various indications

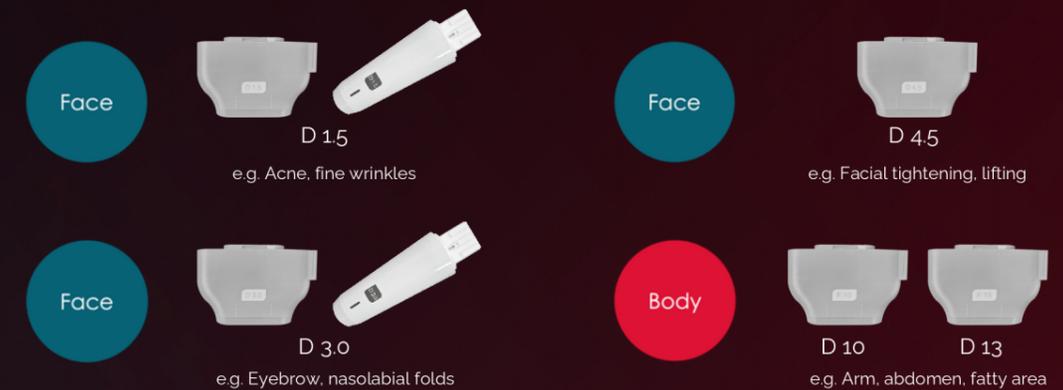
## Depth control

1.5, 3.0, 4.5 mm  
10, 13 mm

## Multi-layer Tx

Treat multiple layers using various cartridges

# 7 cartridges



# Multi-layer Tx

By utilizing various cartridges, the treatment can achieve three-dimensional tightening and lifting effects, as each cartridge provides different penetration depths.

