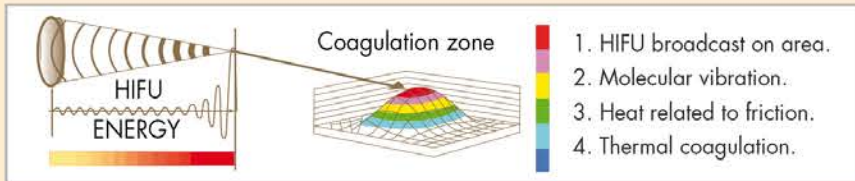


Application areas



→ HIFU treatment mechanism

HIFU is a highly precise medical procedure that uses heat from the focused high intensity ultrasound energy to regenerate, reshape and tighten the tissue. HIFU allows a temperature rise in the SMAS (Superficial Muscular Aponeurosis System), fascia, deep dermis and subcutaneous fibrous tissue. The highest temperature levels are avoided to prevent the liquid from boiling within the tissue. The ultrasound beams are focused on the areas to treat. The energy transfer increases the temperature above protein denaturation level which causes a coagulation zone. The area is filled with surrounding tissue or muscle and the skin becomes elastic and wrinkles are reduced.



→ Technical characteristics

Energy type	HIFU
Fluence	0.2 ~ 2J/cm ² (0.05 Step)
Monitor	LED screen
Spacing	0.5-10mm
Length	5.0-25mm (1.0 Step)
Electrical requirement	AC 100-240V, 50/60Hz
Dimensions (L x P x H)	400 x 455 x 460 (without trolley)
Weight	15kg (without trolley)



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 > 300 shots in just 8 min.

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by thermal energy concentration obtained thanks to high intensity focused ultrasound.



Face and Body Treatment

fast, convenient, accurate, efficient, safe

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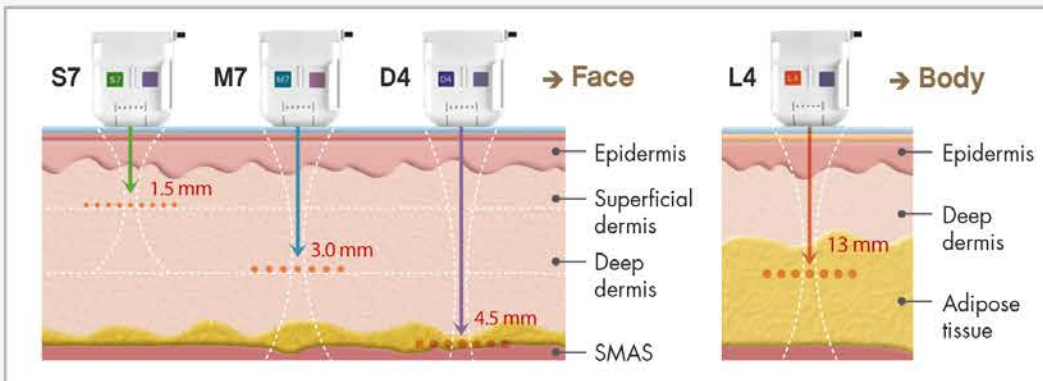
Esthétique préventive et réparatrice

→ Advantages of HIFU technology

Domaine de comparaison	HIFU	RF	LASER
Number of treatments	1 time	4~5 times	5 times
Processing time	10~15 Min	30 Min	10~15 Min
Duration of effects	18 Mois	1 Mois	2~3 Mois
Emission depth	SMAS (1.5/3.0/4,5/13mm)	more than 3mm	1.5mm

→ A range of transducers adapted to each targeted area

The Doublo Gold handpiece is designed to be quickly modulated to easily expand the scope of the device. Face and Body interchangeable specific transducers are proposed to safely obtain optimal results on each treated area.



→ Improved transducers transmission mode

Doublo Gold, thanks to new generation transducers, allows a much faster scan of the treated area. Shots coming back and forth save time while maintaining optimum safety and accuracy.

2 times faster for the same number of coagulation points

Transducers	DOUBLO S	DOUBLO GOLD	SAVING TIME	
			Time	%
D4 (4.5mm)	15min. 39s	8min. 15s	7min. 24s	47.2%
M7 (3.0mm)	17min. 00s	8min. 06s	8min. 54s	52.3%
S7 (1.5mm)	17min. 09s	8min. 03s	9min. 06s	53.0%

Doublo S → 300 shots in 16 min.



Doublo GOLD → 300 shots in 8 min.



	Cartridge	Frequency	Depth	Indications
FACE	S7	7Mhz	1.5mm	With the healing effect related to the coagulation points, the facial pores are tense and the complexion of the skin is improved that the fibroblast is rebuilt and that the collagen level is amplified.
	M7	7Mhz	3.0mm	Increased elasticity of dermal tissues and collagen density as fibroblasts rebuild through the healing effect lesion of subcutaneous tissue and dermis layer by thermal coagulation.
	D4	4Mhz	4.5mm	Tightening of the skin, reduction of wrinkles, increase of the lifting effect thanks to thermal coagulation at the level of subcutaneous fat and SMAS.
BODY	L4	4Mhz	13mm	Dissolves the layer of fat on different parts of the body thanks to thermal coagulation in the adipose tissue.

→ An intuitive and user-friendly interface that facilitates the setting of the transducers.

At each cartridge change, the interface automatically recognizes the transducer mounted on the handpiece and clearly displays the functions necessary for precise parameterization. Once the settings have been made, the values defined for a cartridge can be saved and retrieved later. The specific values associated with a protocol type will thus be reused several times with a slight adjustment depending on the patient treated.



More vivid display thanks to an LED screen

