



ULTRA-Z *SYSTEM*

for precision body contouring



The ULTRA-Z System



ULTRA-Z
for Lipolysis

Suction pump
for emulsified
fat

Irrigation pump
for medication



What is ULTRA-Z System?

The ULTRA-Z System represents a major advance in the application of ultrasonic technology to esthetic procedures.

The ULTRA-Z System is a minimally-invasive and precise body contouring technology that utilizes to emulsify and remove unwanted fat in a target area, while protecting the important tissue—blood vessel, nerves and connective tissues.



The smart choice for Lipo-sculpture in esthetic surgery field.

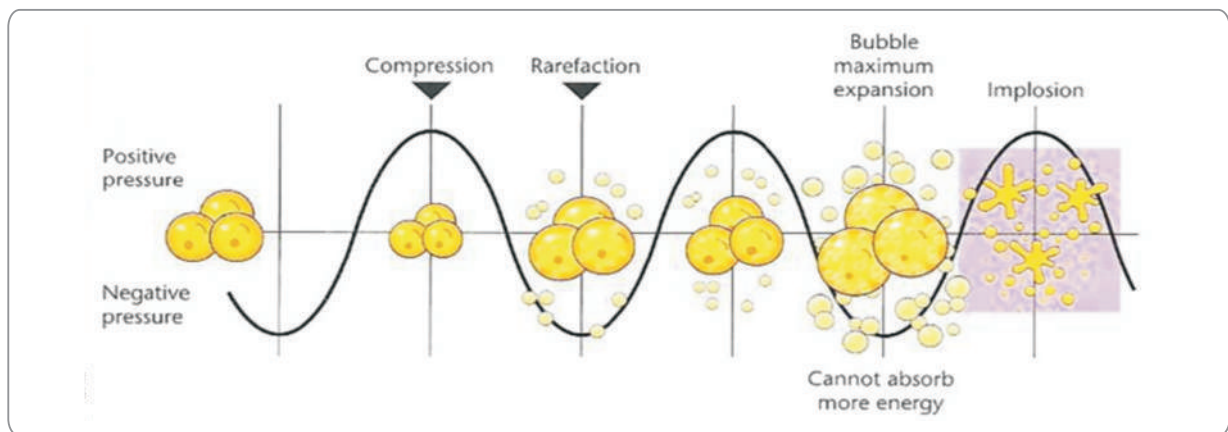
ULTRA-Z

ULTRA-Z Technology



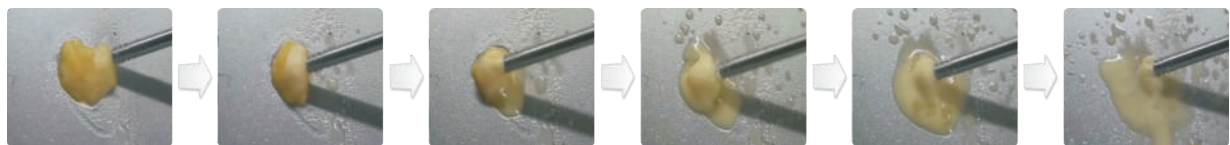
Ultrasonic Cavitation

The high ultrasonic energy of ULTRA-Z probes causes micro bubbles within the tumescent solution to expand and collapse, dislodging fatty tissue and mixing them into the infiltrated solution through three steps - Creation of bubble nucleus, Growth of bubble and Implosion of bubble.



Emulsification

The phenomenon in which unwanted fatty tissue is changed to a frothy liquid form such like nectar by ultrasonic energy.



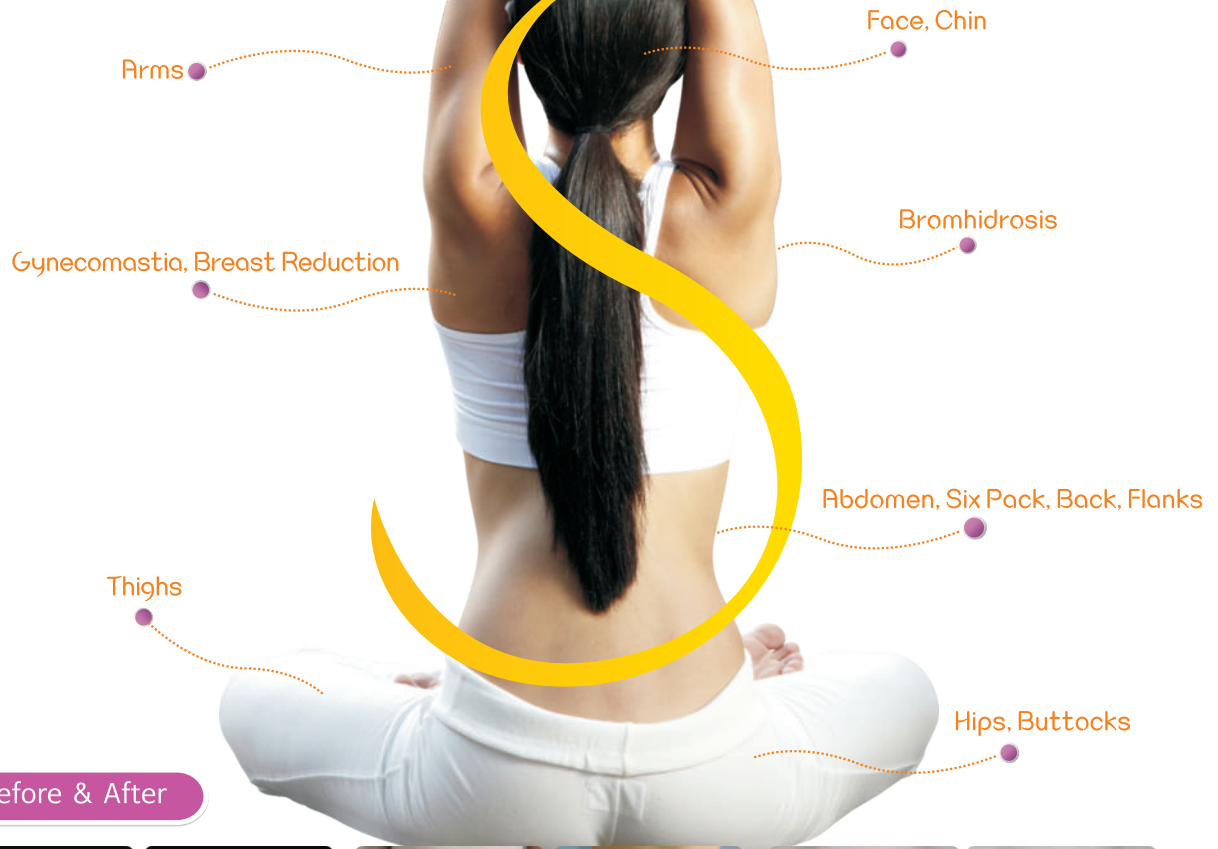
Features

- Ultra-Z is designed to optimize every stage of the body and face sculpting and emulsifies unwanted fatty tissue, while protect important tissues. Quick recovery of patient thanks to minimal invasive surgery.
- Appropriate probes with various diameters to treat all areas of the body and face - Various ranges of diameters, 1.2mm to 3.7mm, provide tailor-made lipo-sculpture for small volumes of fatty tissues 1.2mm ULTRA-Z probe, unique and thinnest in the world, enables lipo-sculpture for face with minimal swelling, bruising, bleeding and maximal safety.

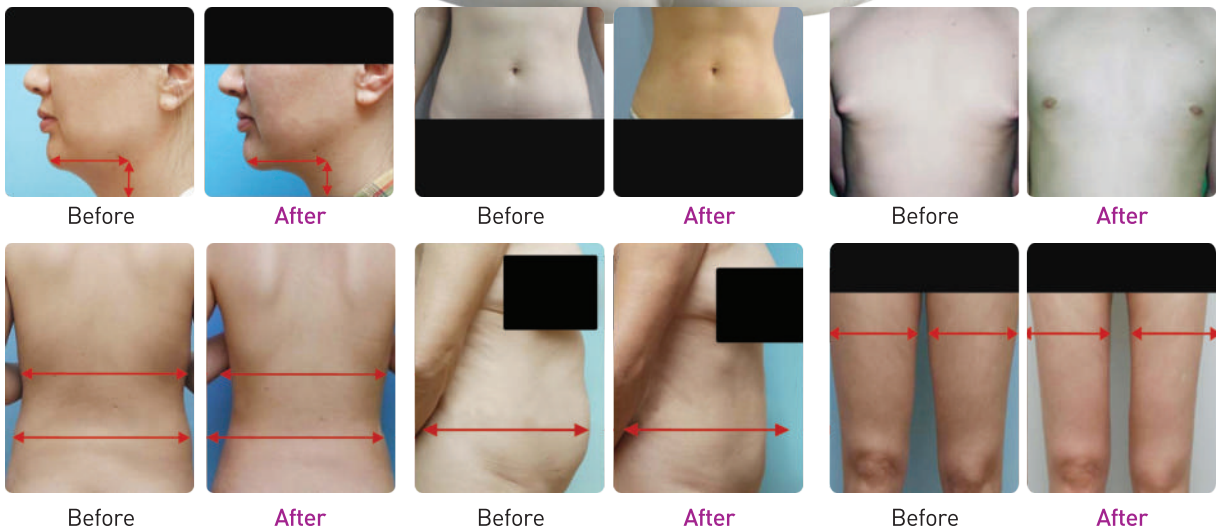




Application



Before & After



Specification

Rated Voltage	AC110V or AC 230V	Ultrasonic Frequency	26~50 KHz	
Rated Frequency	50/60Hz	Size(W*D*H)	397mm*360mm*170mm	
Power Consumption	300VA	Weight	15 Kg	
Fuse	T3.15AL 250Vac	Output Mode	N mode(continuous)	30 ~ 40 KHz
Protection class	Class1, Type BF		Z mode(pulsed)	30 ~ 40 KHz
Leakage current	In acc. With IEC60601-1	Output W	Max 90W	



Excellent assistant for Lipo-sculpture by Ultra-Z

ZP-1000

Feature

- Irrigation
 - Easy to set FLOW and RPM value using UP and DOWN buttons.
 - Total volume of the injected fluid is displayed.
 - Easy to reset total volume injected using CLEAR button.
 - ERROR indicator lights on and warning sound indicate it when error occurs.
- Suction
 - Oilless-piston type vacuum pump that has a strong suction power is adopted.
 - Triple overflow protection system:
 - Floating valve, Overflow protection sensor, Overflow protection filter
 - Silicon hose for infiltration and suction
 - Almost no transformation for long-time using.
 - No blockage thanks to good elasticity of silicon hose.
 - 3,000cc bottle for suction: High strength and high thermal resistance.



Specification

Dimensions(W*D*H)	550mm*430mm*1020mm		
Weight	35Kg		
Power Supply	AC 110V or 230V		
Frequency	50/60 Hz		
Power Consumption	Max. 780 VA		
Fuse	T 6.3 AL/250V		
Irrigation		Suction	
Flow rate	12.5~1375 ml/min.	The degree of vacuum	680 mmHg
Accuracy	± 10% ml/min.	Accuracy	Max. ≥ 680 mmHg -10%
		Displacement	100 L/min.
		Pump	Oil-less piston typemotor pump






ZP-1000 for Irrigation only!



Specification

Dimensions(W*D*H)	210mm*360mm*133mm
Weight	6Kg
Power Supply	AC 100V ~240V
Frequency	50/60 Hz
Power Consumption	Max. 90 VA
Fuse	T 1.0 AL/250V
Flow rate	12.5~1375 ml/min.
Accuracy	± 10% ml/min.



Picture	Code No.	Name of Item	Specification	ULTRA-Z	ZP-1000	ZP-1000 (Irrigation only)
	FS01-02R	Single Foot Switch	3 pin plug, cable 4m	○		○
	HP01-01R	Handpiece	36kHz, 159 * 30mm	○		
	CA05-01R	Handpiece Cable	2 pin plug 3m	○		
	SP01-01R	Spanner	Al, 35*33mm	○		
	PB01-01R	Probe	Ti-Alloy, 2.9 * 275mm	○		
	PB01-03R	Probe	Ti-Alloy, 1.9 * 134mm	○		
	PB01-04R	Probe	Ti-Alloy, 1.2 * 65mm	○		
	PB01-05R	Probe	Ti-Alloy, 3.7 * 295mm	○		
	FS02-03R	Double Foot Switch	4 pin plug, cable 4m		○	
	TU01-01R	Suction Tube	Ø8mm*1.5m		○	
	TU01-02R	Irrigation Tubing Set	Ø6mm*4m, Needle Spike, Connector		○	○
	BT01-01R	Suction Bottle	3,000 cc		○	
	FL01-01R	Overflow Protection Filter	Filter		○	
	DS01-01R	Overflow Protection Sensor	Infrared Detector		○	
	IC01-01R	Infiltration Cannula	Ø2mm*20cm		○	○
	IC01-02R	Infiltration Cannula	Ø2mm*30cm		○	○
	IC01-03R	Infiltration Cannula	Ø0.8mm*7.5cm		○	○
	IC01-04R	Infiltration Cannula	Ø0.9mm*7.5cm		○	○
	IH01-01R	Infiltration Handle	luer lock, Stainless Steel		○	○
	SC01-01R	Liposuction Cannula	Ø3mm*30cm, blunt type		○	
	SC01-02R	Liposuction Cannula	Ø4mm*30cm, blunt type		○	
	SH01-01R	Liposuction Handle	Aluminum		○	