



hyzer me



hyzer me

A non-surgical treatment technique that delivers the most Effective and Precise HIFU energy into Multiple skin depths for Face Lifting and Wrinkle Reduction.



HIFU GENERAL MECHANISM

Differences: Energy-Based Technologies

	HIFU	RF	LASERS
Temperature	60-70°C; Denaturation	<55°C; Sub-Optimal	100°C; Vaporization
Depth	4.5mm, 3mm & 1.5mm	<3mm; Variable	<1.5mm; Superficial
Precision	Precise & Fractional	Bulk Heating	Precise & Fractional

The diagram illustrates the penetration depth of three energy-based technologies through the skin layers. The skin layers are labeled as Dermis (1.0 mm to 1.5 mm), Fat/Connective Tissue (3.0 mm), SMAS (4.5 mm), and Muscle. HIFU is shown as orange circles reaching the SMAS and Muscle layers. RF is shown as a yellow-green oval heating the Dermis and Fat layers. Lasers are shown as red vertical lines only reaching the Dermis layer.

HIFU GENERAL MECHANISM

HIFU (High Intensity Focused Ultrasound) is delivered into the deep skin fractionally

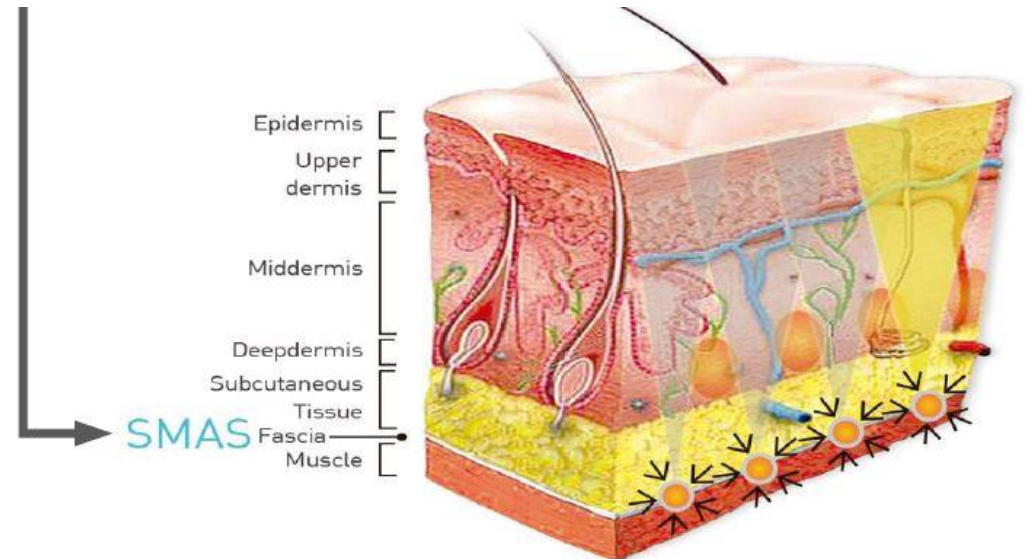
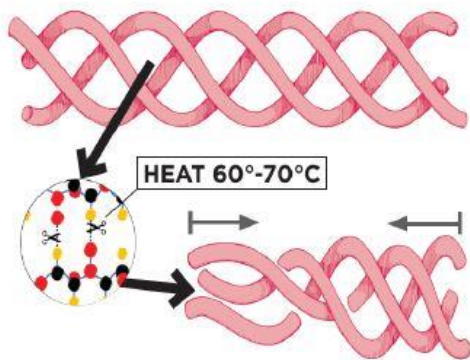


Cause thermal coagulation to SMAS

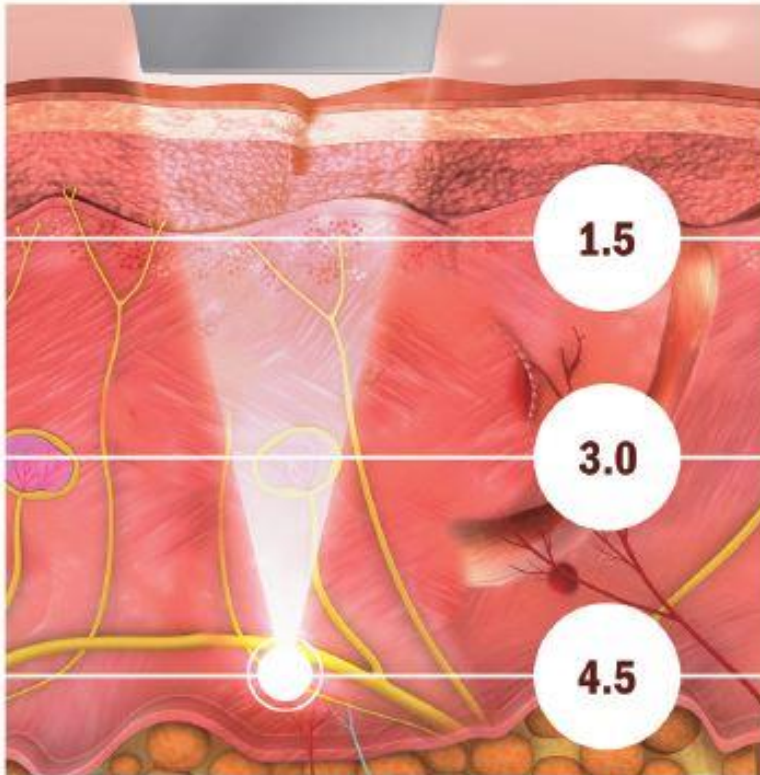


By wound healing, skin tightening and rejuvenation happens gradually with time

Mechanism of Action (MOA)



HOW DOES **Hyzer me** WORKS



- 1 The **hyzer me** delivers focused ultrasound energy directly into precise skin depths, causing thermal coagulation in the targeted area.
- 2 This process stimulates tissue remodeling and the production of new collagen.
- 3 The collagen regeneration results in natural skin lifting, tightening and rejuvenation as well as reduced fine lines and wrinkles.

■ Why Hyzer me IS NEXT GENERATION

■ Exclusive 8mm Dia COMPACT TRANSDUCER

Strong Durability even long-term use
Consistent Energy thru a whole treatment
Better Access and Visibility
Less pain and Predictable outcomes



hyzer me

■ Patented Linear Motion Technology

Precisely controlled movement even micrometer
Fast Treatment with double shot mode
- 300shots for 5-8mins
Real time shot detection at each location
- Safe and effective treatment without missing shot

■ Dual Mode Technology

Perfect for Clinics with Limited Space
Easily Upgradable 2 Hyzer me in one System
Treat TWICE as many patients
Enjoy Better ROI

Next Generation HIFU

COMMON PIEZO CERAMICS

PRODUCTION PROCESS

Raw
Materials

Forming

Firing

Grinding
Bonding

Machinery Process
Pressing | Cutting | Casting | Grinding



Competitor

Form Marks (Severe Fractural Damage)

심각한 파쇄(골절) 손상

5 kV Spot Magn Del WD Exp 20 µm
10 kV 4.0 1000x GSE 10.2 1 0.6 Torr

Micro Fractural Damages
by Machinery Process cause uneven output power,
unpredictable clinical outcomes
& side effect like burn skin etc...

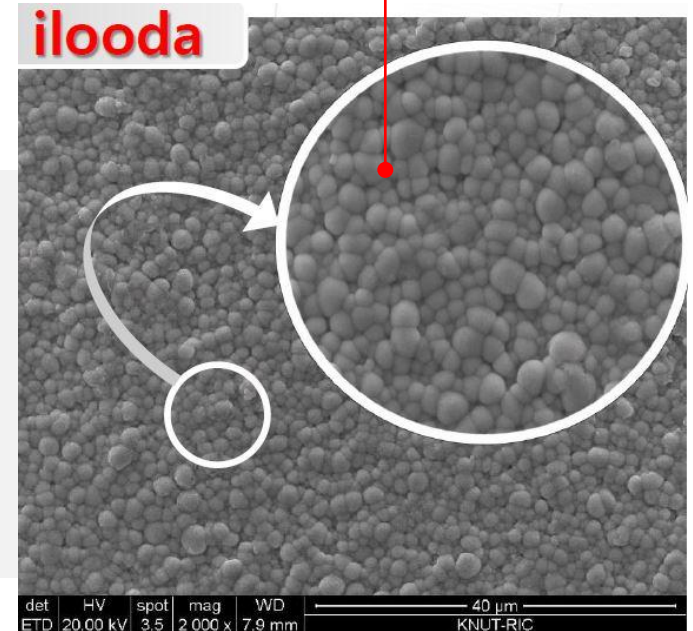
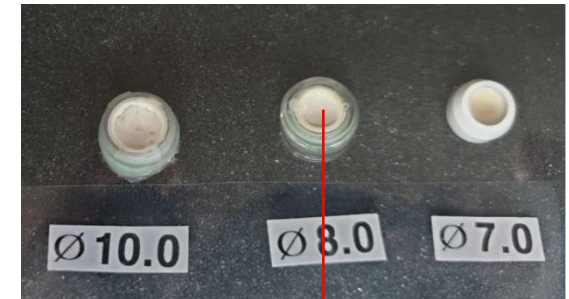
Next Generation HIFU

Exclusive COMPACT TRANSDUCER

**Powder Injection
Molding Process**
without Machinery Process

Unlike other common TD, exclusive Hyzer me TD
Manufactured by an exclusive powder injection
molding technique to ensure durability and uniform
energy distribution throughout treatment for
predictable clinical outcome.

Ilooda Hyzer me

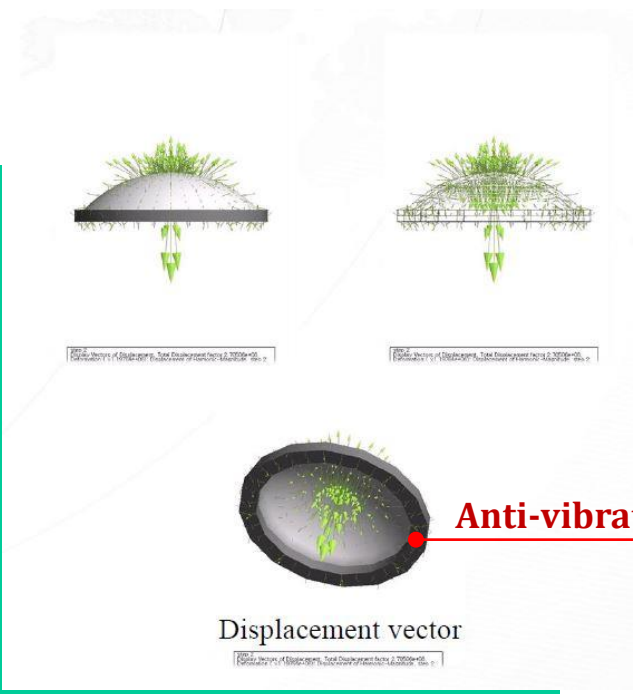


Next Generation HIFU

Anti-vibration technology

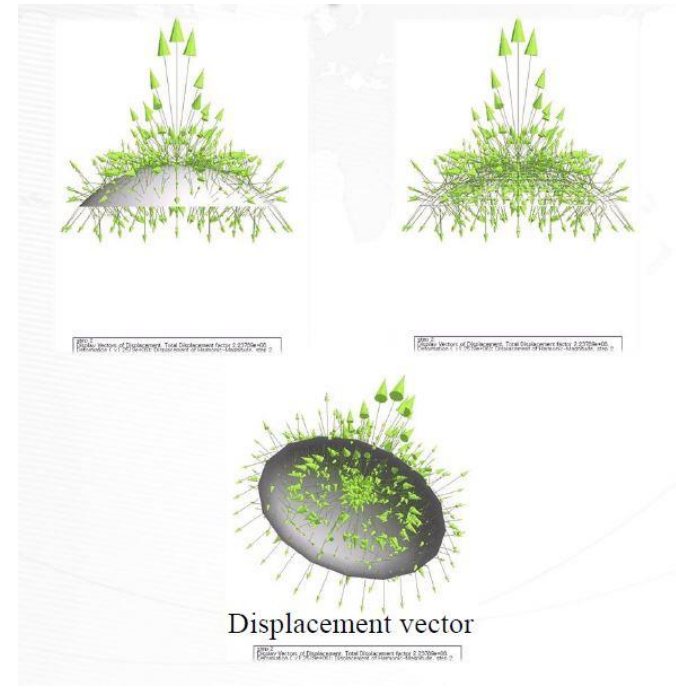
enables highly accurate energy radiation through decreasing energy loss and scattering

Ilooda Hyzer me



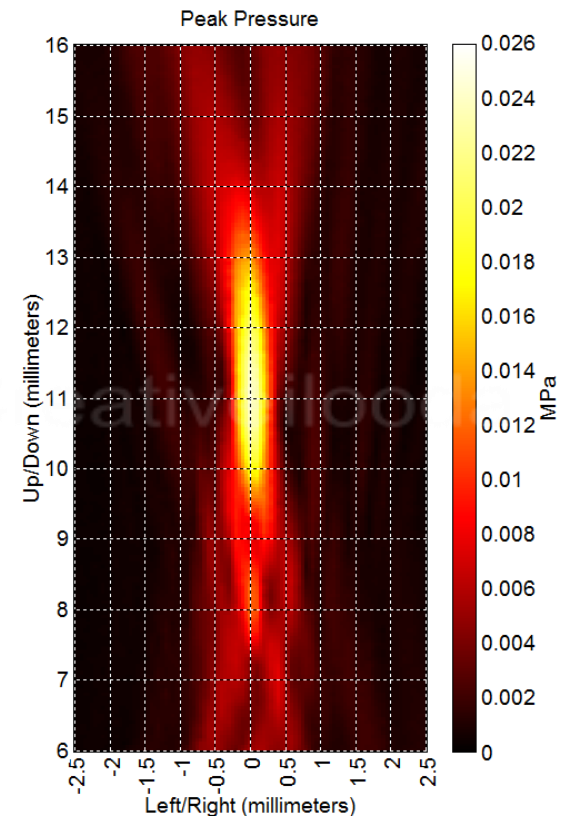
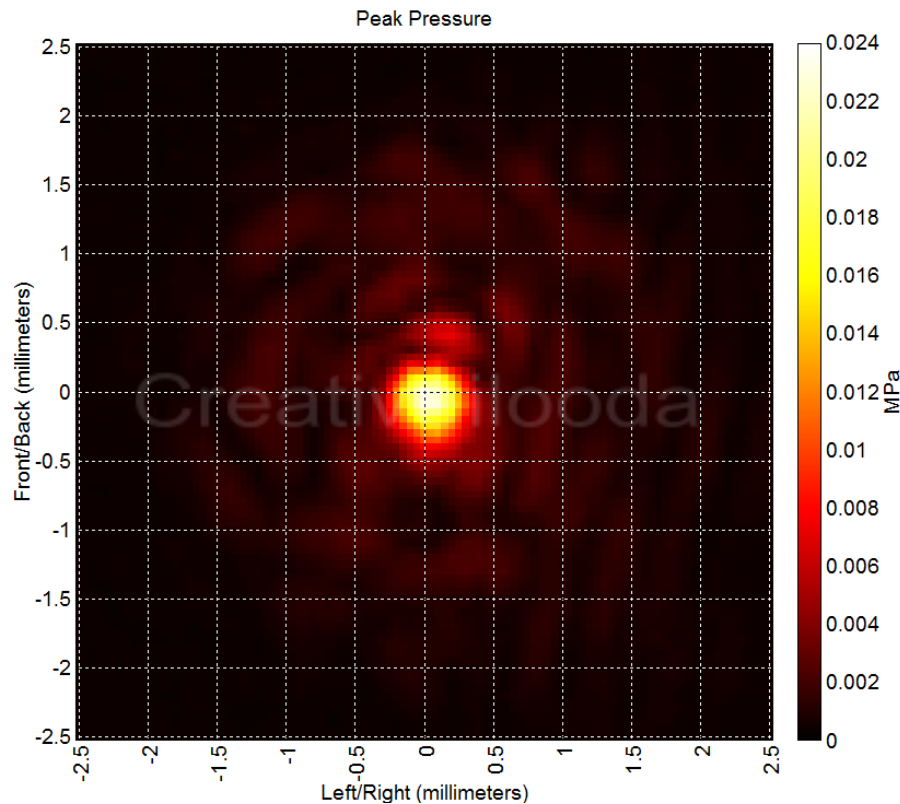
VS

Competitors



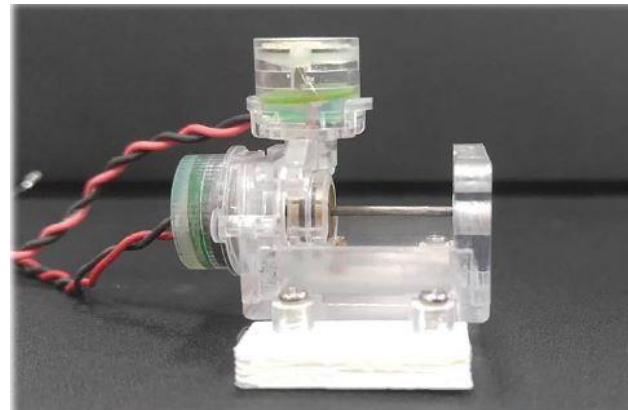
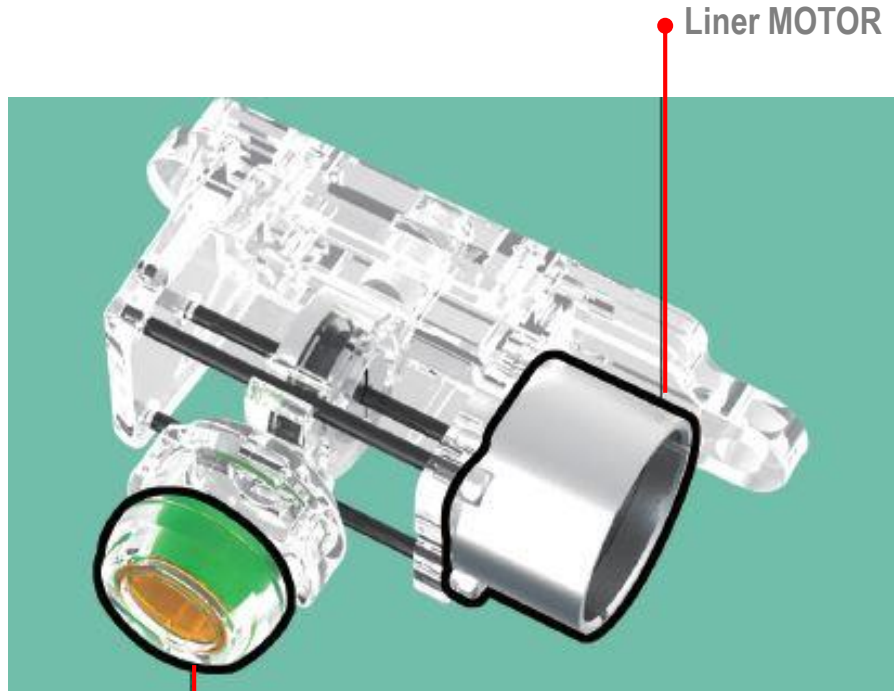
Next Generation HIFU

2D image shows that perfect circular type thermal injury zone is formed thru Hyzer me transducer.



Next Generation HIFU

PATENTED Piezoelectric Liner MOTION TECHNOLOGY



ALL-IN-ONE design makes it SLIM and COMPACT!!

Patented piezo-liner motor will control the transducer movement and its location precisely for much safer and effective treatment.

Hyzer me Advanced Features

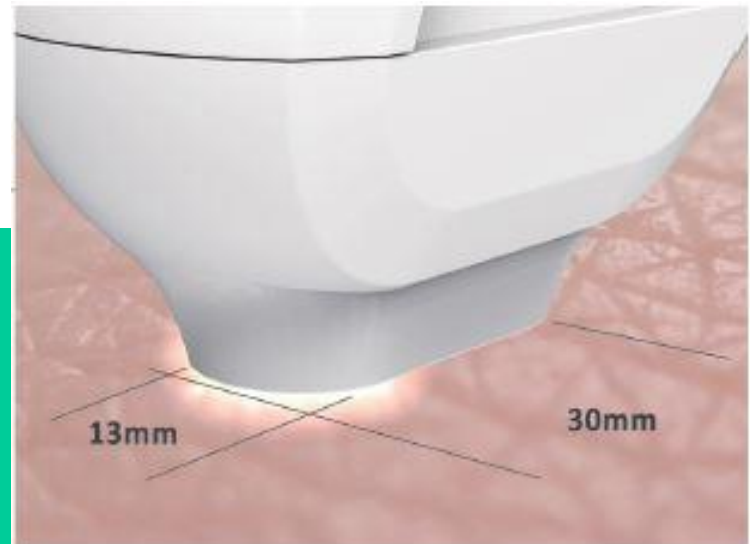


**Perfectly Sealed
ALL-IN-ONE designed Cartridge**

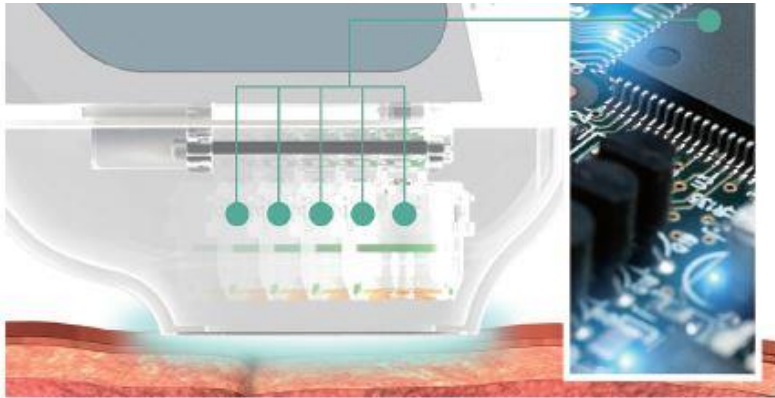
No Need to Refill distill Water into the cartridges by Integrating its PATENTED piezo-electric liner Motor into the Cartridge

SLIM and COMPACT Cartridge

Better visualization of treatment area
Easy accessibility and Precise treatment
close to eyes and curved area



Hyzer me Advanced Features

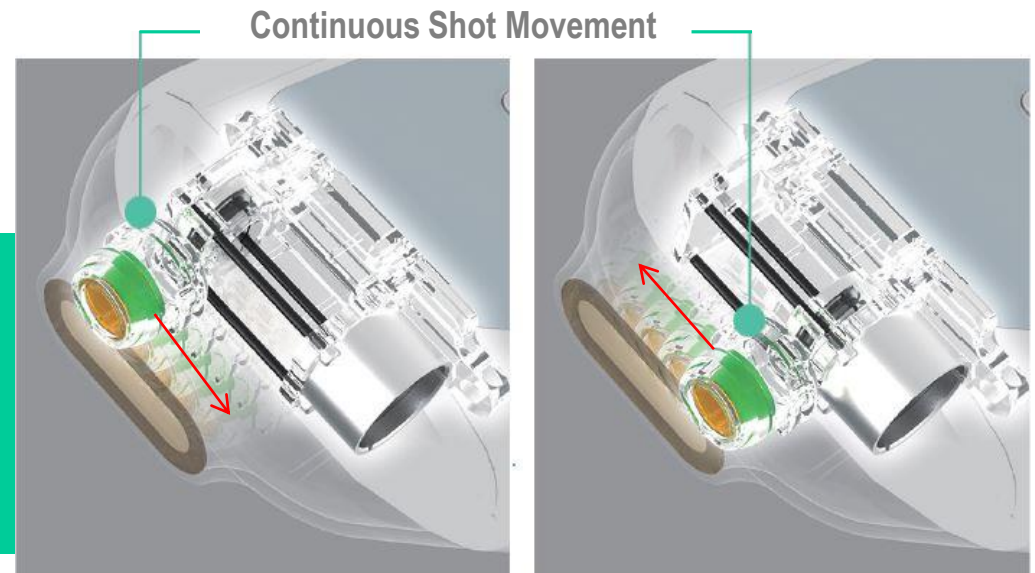


i-SMART SENSING MONITORING TECHNOLOGY

Monitor not only precise location of transducer per shot but also any missing shot each movement of the transducer

Continuous Double shot Mode for Expert User

Make it TWICE Faster than normal mode by delivering Continuous Shots during operation



Hyzer me Advanced Features



User Friendly Design and Operating

Unique 3 types trigger selection mode for easy to use to all practitioners
Operator panel integrated hand pc for easy adjust level during treatment

Dual Mode Technology Upgradable with additional Hand pc

Operate 2 Hyzer me hand pc individually
Treat TWICE as many patients
Enjoy better Return Of Investment



Hyzer me PREMIUM CARTRIDGE

Interchangeable cartridge using the most reliable frequency of 7 Mega Hz, 3 different dermal layers are targeted.

15,000 shots guaranteed

Dimension: 34.7 x 68.8 x 50.4mm
Length: 14mm
Treatment Area: 13 x 30(mm)

7Mhz



1.5mm



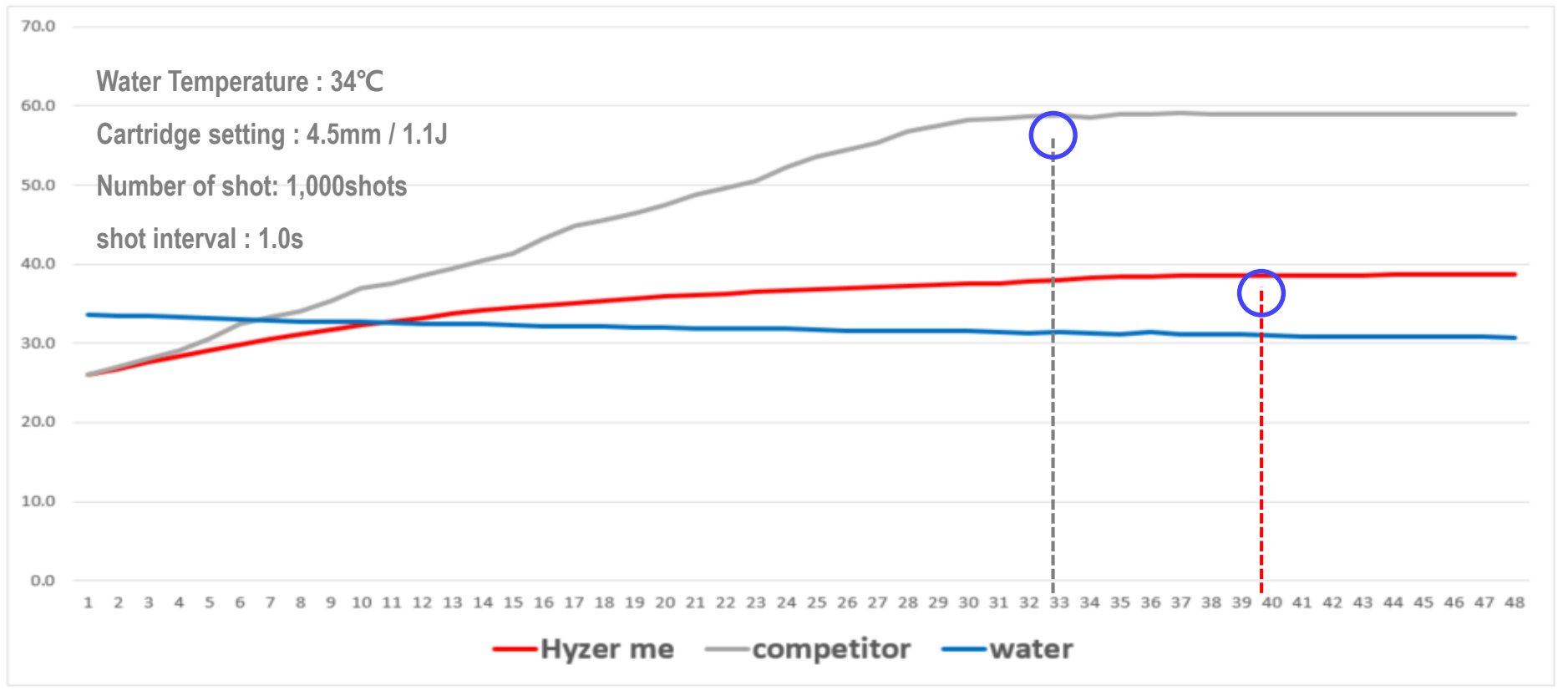
3.0mm



4.5mm

Hyzer me PREMIUM CARTRIDGE

Comparison Table for water temperature change and saturation point in the cartridges during operation



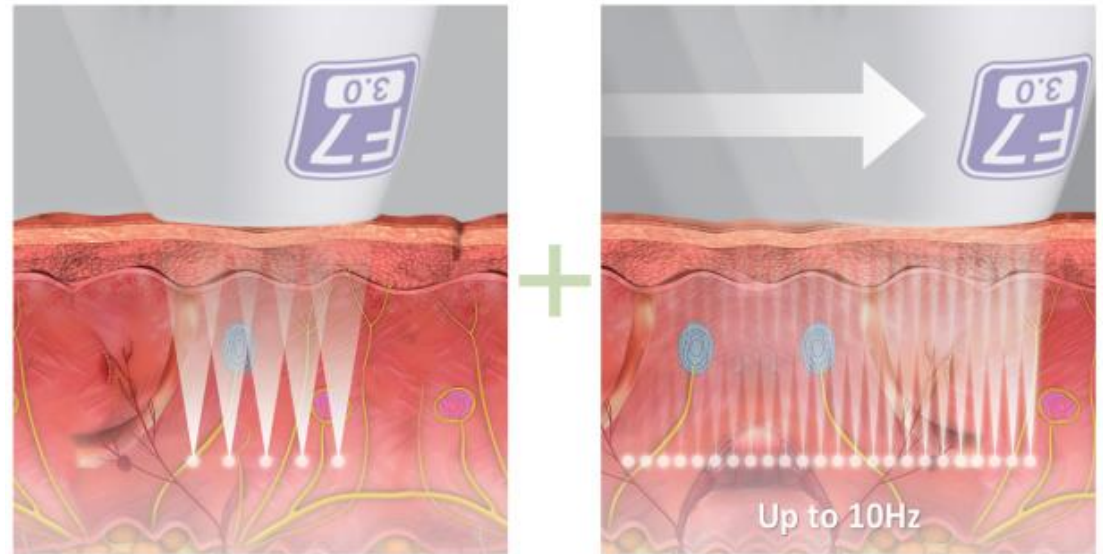
Hyzer me shows better performance by reaching its saturation point at the lowest water temperature (In case of having higher saturation point, it might cause higher risk of side effect)

Hyzer me PRECISION Handpiece




PRECISION Handpiece uniquely designed with dual functional cartridge that permits perfectionists to have the option to treat with linear motion or dynamic motion.

**150,000 dots
guaranteed**

Dimension: 25.3 x 45.7 x 47.3mm
Length: 5mm
Treatment Area: 13 x 30(mm)



Hyzer me True Power

1.5mm	3.0mm	4.5mm
		

Real dots from each Hyzer me Premium Cartridge

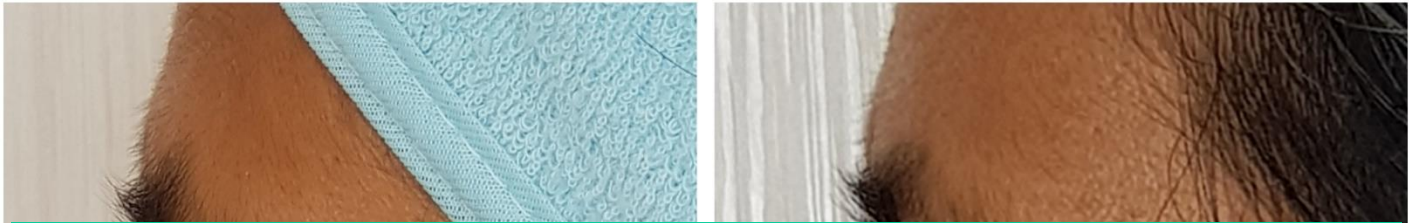


Real output power of 30watt [$\pm 10\%$] measured by Force Balance meter

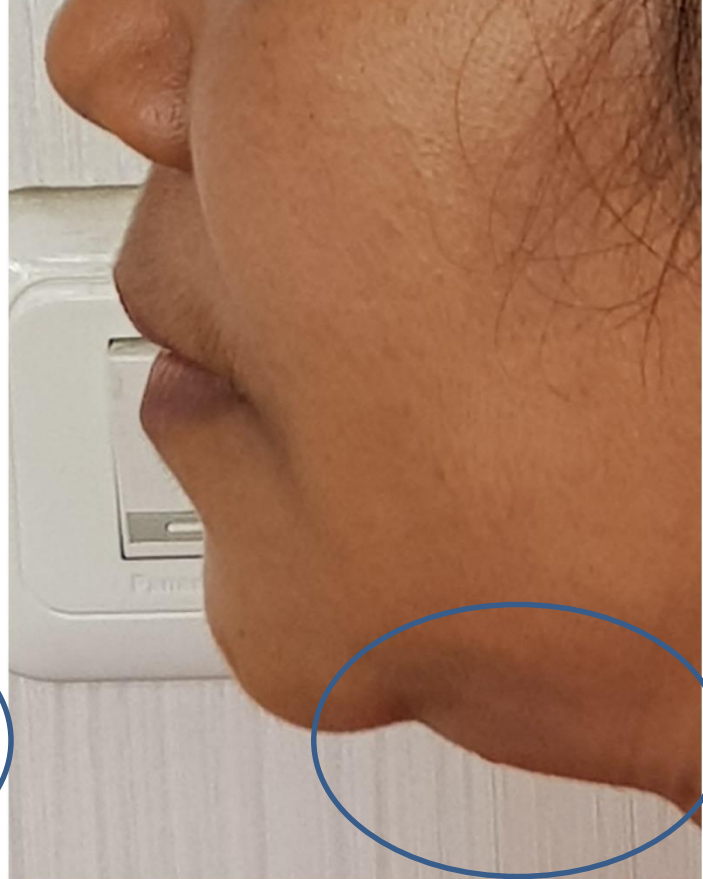


Hyzer me CLINICAL DATA

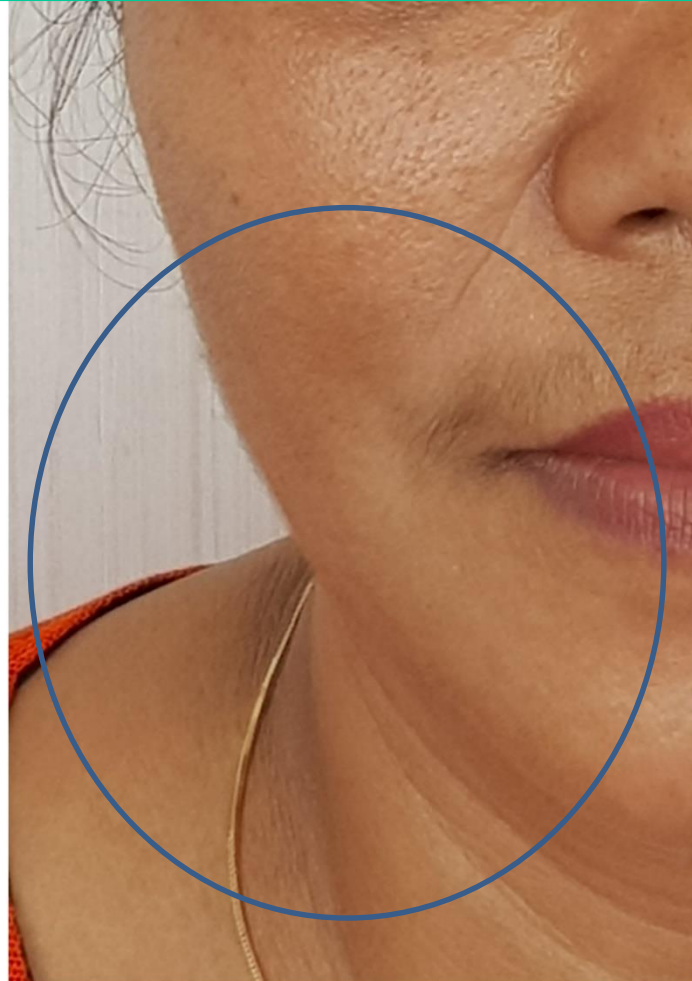
2x Treatments with 1-Month Interval



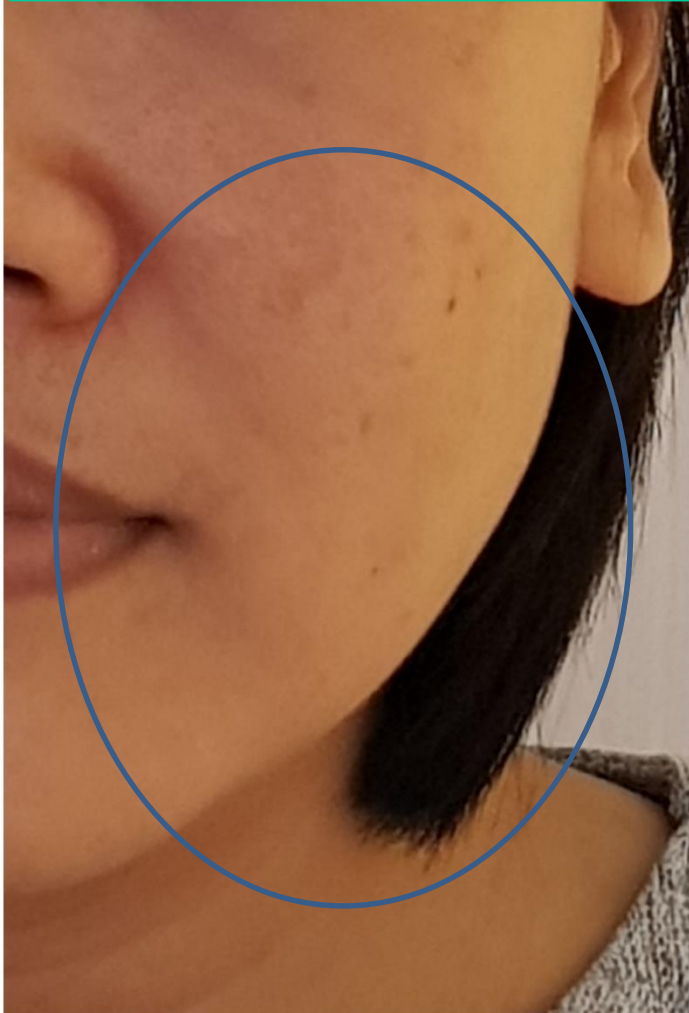
2 x Treatments for Double Chin
4.5mm 0.8J (45 shots), 3mm 0.6J (45 shots)
*Photo taken 1 Month after 2nd Treatment



2x Treatments for Jowl (V-Shape)
4.5mm 0.8J (60 shots), 3mm 0.6J (45 shots)
*Photo taken 1 Month after 2nd Treatment



2x Treatments for Jowl (V-Shape)
4.5mm 0.8J (60 shots), 3mm 0.6J (45 shots)
*Photo taken 1 Month after 2nd Treatment





2x Treatments for Jowl (V-Shape)
4.5mm 0.8J (60 shots), 3mm 0.6J (45 shots)
*Photo taken 1 Month after 2nd Treatment



1x Treatment Immediate Result

