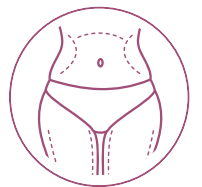
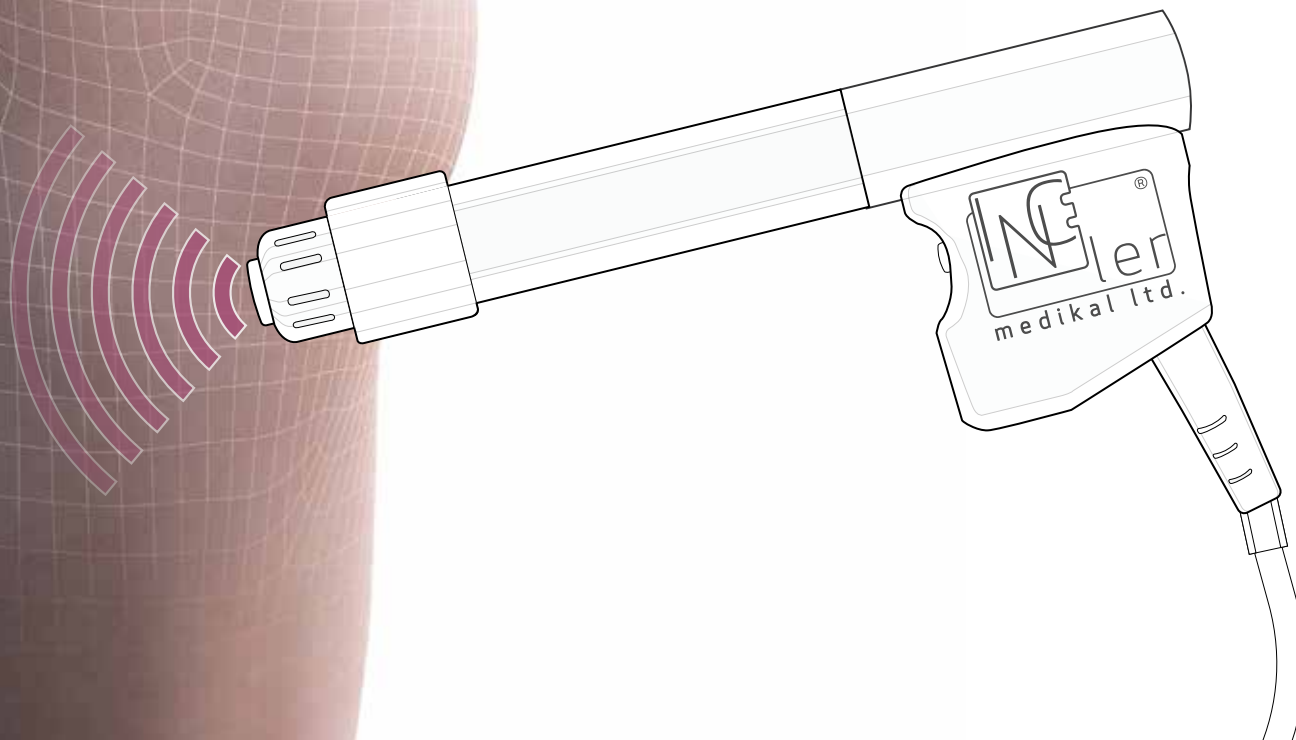




# MODUS CELLULITE AWT<sup>®</sup> ACOUSTIC WAVE THERAPY

*Amazing results for cellulite, stretch marks,  
tightening and wrinkles!*





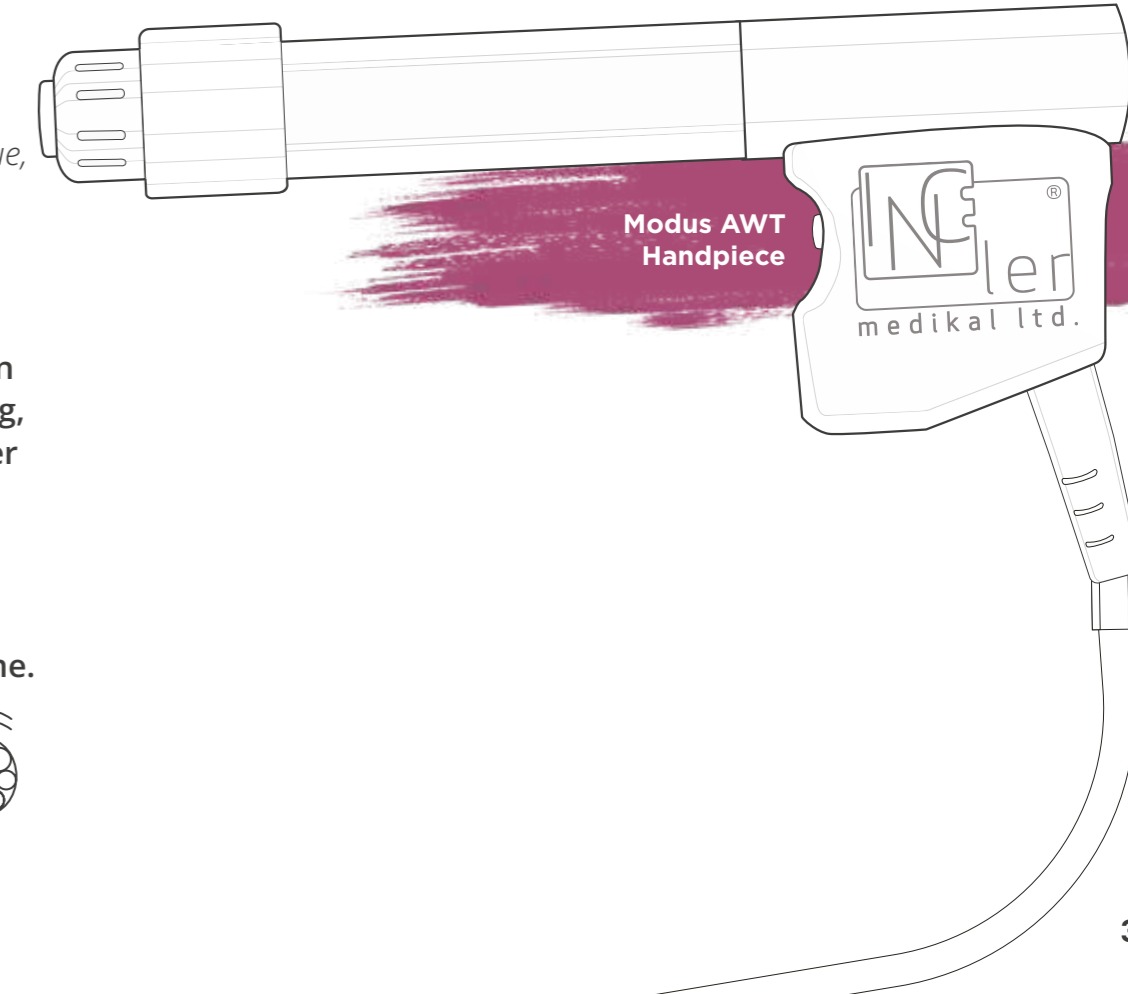
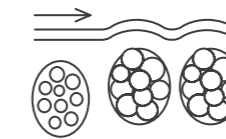
Portable & user friendly  
touch screen technology!  
*Modus AWT*

## ACOUSTIC WAVE THERAPY (AWT)

*AWT therapy provides the activation of acoustic sound waves produced by a device that specially designed for this procedure on subcutaneous adipose tissue, connective tissue, circulatory system, muscles and tissue regulating metabolic activity in the body.*

The advantages of the system by increasing vascularization, collagen synthesis and oxygenation in the application area, it provides a faster tissue healing, less adhesion development and mechanically stronger tissue is obtained. The efficiency provided by the system has been confirmed by various scientific researches.

Non-invasive application is shorten the treatment time.



Modus AWT  
Handpiece

Infer<sup>®</sup>  
medikal Ltd.

## WITH ACOUSTIC WAVE THERAPY (AWT®) TREATMENT OF AESTHETIC INDICATIONS

### WHAT IS (AWT) ACOUSTIC WAVE THERAPY?

AWT is the abbreviation of Acoustic Wave Therapy and is known as acoustic wave therapy. With this treatment, regional slimming and cellulite treatment are provided. Although they are 20 times higher energy waves than ultrasound waves, they do not cause heat, pain and burns in the tissue.

AWT is a full-layer tissue activation treatment that regulates the skin, subcutaneous adipose tissue, connective tissue, circulatory system and metabolic system. As a natural result of this, cellulite is removed, the skin tightens and the volume of adipose tissue decreases.

The acoustic waves generated by the AWT System trigger mechanical stimuli in the applied tissues and the secretion of some bioactive substances. Thus, the formation of new vessels in the tissue and the increase of oxygenation in the environment are ensured. In this case, the healing of the tissue is accelerated.

The effects of AWT on skin and adipose tissue have been proven by multicenter studies in Europe and accepted for slimming and cellulite removal. Faster results have been obtained with much shorter sessions, and its mechanism of action has been confirmed by various scientific researches.

### HOW DOES AWT AFFECT?

The main effect in the treatment of slimming with AWT is acoustic sound waves. When these sound waves are processed by targeting the resistant fat tissues under the skin, the sound waves exert a pressure on the fat membranes. The fat membranes that cannot withstand this pressure are torn and the oils trapped in the membrane are released in an instant.

The released fats are expelled in a short time with help of the metabolism by the AWT effect and regional slimming is achieved. AWT provides full-thickness tissue activation with shock waves that do not cause any side effects, accumulation, damage or discoloration up to a depth of 6-12 cm optionally in the tissue.

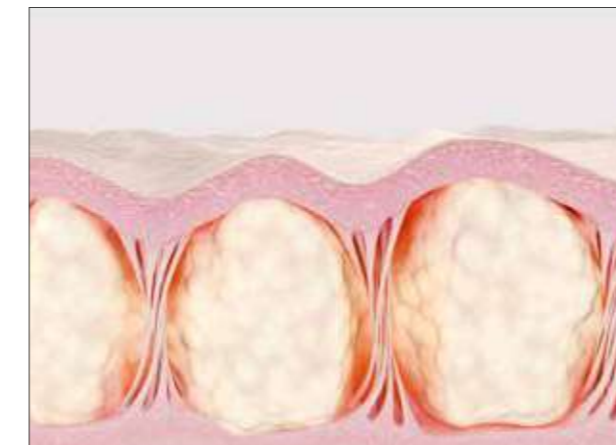
### AWT USAGE AREAS

- > Cellulite treatment
- > Skin and connective tissue compression
- > Enzymatic lipoliz
- > Scar and wrinkle treatment
- > Stretch marks in pregnancy
- > Varicose vein treatments
- > Rapid recovery after liposuction

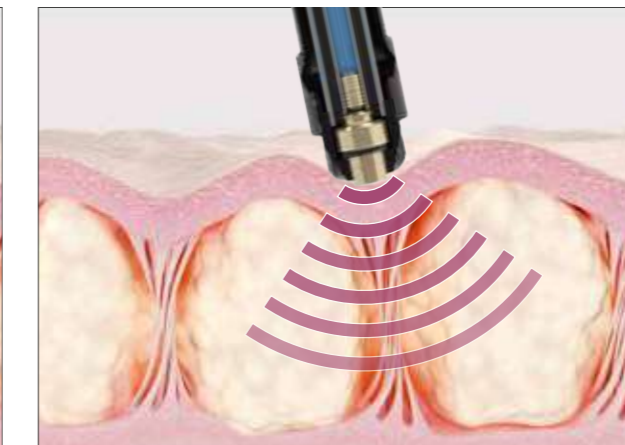
### With shock waves in AWT;

- > Skin elasticity increases and tightens.
- > Fibrous bands dissolve and leave the skin and cellulite is removed.
- > Cell membrane permeability increases in fat cells and causes a decrease in fat tissue.
- > Blood circulation and lymphatic circulation are strengthened and regulated.
- > With biomechanical stimulation and passive exercise in the muscles, muscle condition increases, calories are burnt.
- > It creates a local and general lipophysis effect with tissue enzyme activities.
- > It helps to lose weight by increasing the metabolic rate.

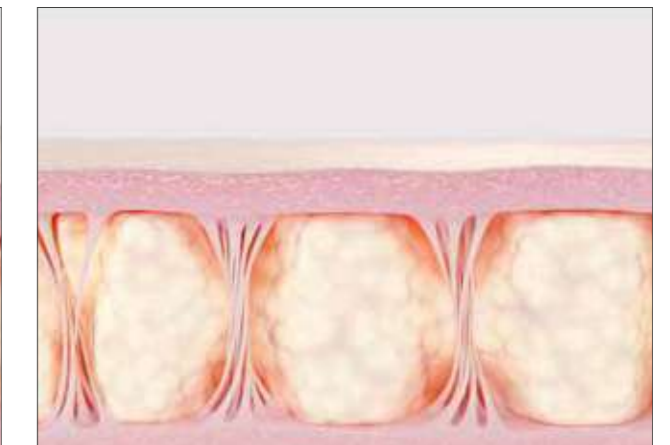
Scheme of anti-cellulite treatment using the Modus AWT handpiece



Modus Cellulite AWT® Before



Modus Cellulite AWT® During



Modus Cellulite AWT® After

It stimulates collagen synthesis in the skin, the ratio of elastin provokes high-quality collagen synthesis, providing skin tightness. It eliminates the indented protruding appearance of the skin by separating the shortened, thickened, deformed fibrous bands in the subcutaneous connective tissue by mechanical action. It has been experimentally proven that shock waves reach a propagation rate of 1450 m/s in adipose tissue and increase cell membrane permeability and ensure that the fat in the immobile state in the fat cell is discharged from the distance between the cells. The micro fat droplets discharged here enter the energy cycle and metabolize by participating in the circulation with the capillary lymph vessels in the intercellular fluid. It is important that the permeability of the cell membrane in adipose tissue changes reversibly.

The goal is not breaking down or destroying fat cells. Because fat cells are cells of physiological importance in the body (estrogen, insulin, serotonin, etc.). The death of fat cells means that it is a serious problem called fat necrosis and requires surgical resistance.

AWT is a non-harmful device to human health that does not disrupt the physiology of adipose tissue and reduces fat tissue volume in a balanced way. With the shock waves used in AWT, it has been proven that arterial and venous

circulation in the tissues are regulated, tissue blood supply and tissue nutrition are increased, thus obtaining a more active connective tissue. At the same time, shock waves stimulate the smooth muscles of the lymphatic vessels, increasing lymphatic resistance with wormlike contractions (peristalsis) and removing both the released fat microdroplets and the edematous fluid from the tissue. The shock waves in the AWT have a passive gymnastic-like effect on the muscles with biomechanical stimulation, causing both energy to be burned and muscle condition to be achieved. In addition, as a result of these high-frequency stimuli in the muscles and contractions, the resistance in the blood and lymph vessels increases even more. Acoustic waves stimulate energy points and sympathetic chains in the body with strong, high-frequency mechanical energy, maximizing the overall metabolic rate. In this way, the problem of stopping weight loss as a result of the slowing down of metabolism encountered in patients who are on a diet is eliminated with AWT.

### **HOW TO APPLY AWT?**

After ultrasound gel application, Modus Cellulite AWT treatment is applied to the target areas with the correct applicator like a massager. It is applied by targeting the

fat tissues and performing a fast massage movement in some places and a slow massage movement in some places in the areas where the fats are clustered. This massage is not a random movement, it must be applied by a specialist who has experience in this field.

### **IS AWT TREATMENT PERMANENT?**

Modus Cellulite AWT treatment provides a permanent recovery, not an instant one. The permanence of the results is related to the care that the person pays to weight preservation.

### **WHAT IS THE DURATION AND FREQUENCY OF AWT TREATMENT SESSION?**

Modus Cellulite AWT application takes approximately 15-45 minutes. Depending on the degree of cellulite, 8 to 10 sessions may be required at intervals of 3-4 days. With this treatment, which can be applied during the lunch break, your daily life is not affected.

The success of the treatment is clearly seen in 4-6 sessions (about 2-4 weeks) without the need for diet with skin

tightening and fat tissue loss. Generally between 5-12% in the region thinning can be seen.

### **IN WHICH CASES IS AWT NOT APPLICABLE?**

- > Patients with severe renal and hepatic insufficiency.
- > If there is phlebitis (inflammation of the veins) and vein thrombosis (clotting in deep veins) in the leg
- > During pregnancy and lactation
- > The presence of inflammatory conditions in the treatment area
- > If surgery has been applied for the problem of varicose veins on the legs.
- > Those with serious cardiovascular disease.
- > It cannot be applied to those who have untreated bleeding disorders or who have to take blood thinners.

### **WHAT SHOULD BE DONE IN AWT TREATMENT?**

- > Blood thinners should not be used.
- > 20 minutes of walking should be done every day.





## CELLULITE TREATMENT WITH ACOUSTIC WAVES

Cellulite is the condition in which the connective tissue under the skin loses its elasticity and the skin is pulled inward by the tissues of the fat under the skin. As a result, the appearance of orange peel occurs on the skin surface. While the shock waves act on the protrusions formed by the fats in the lower dermis, the shock waves produced destroy the adipose tissue as they pass through the skin and fats, causing it to break down and releasing the skin. In this way, a more uniform surface is formed and the orange peel image is eliminated.

*Modus Cellulite AWT application takes approximately 15-25 minutes. Depending on the degree of cellulite, 8 to 10 sessions may be required at intervals of 3-4 days. With this treatment, which can be applied during the lunch break, your daily life is not affected. The success of the treatment is clearly seen in 4-6 sessions (about 2-4 weeks) without the need for diet with skin tightening and fat tissue loss.*

*Generally between 5-12% in the region thinning can be seen.*



MODUS CELLULITE AWT®



BEFORE AFTER

MODUS CELLULITE AWT®



BEFORE AFTER



## TREATMENT OF FACIAL WRINKLES WITH ACOUSTIC WAVES

As the acoustic wave moves under the skin, they do not create heat and do not cause damage to the tissue. Due to the mechanical power of shock waves in the tissue, metabolic and healing properties are revealed. It stimulates collagen synthesis in the face and neck area, the ratio of elastin increases the synthesis of high-quality collagen, providing skin tension. With AWT, during the rejuvenation process, the skin is restructured in collagen, whose DNA structure is damaged over time and whose self-renewal slows down. With 7 sessions of application made once a week, a younger and well-groomed skin is achieved. AWT is applied around the eyes, lower face and tickle area. It is applied in 4-6 sessions for medium oily skins with a low setting and a high setting on more oily skin. The face and jowl area are applied together. 1000 shots are made, if the skin is very oily, 1500 shots are made.

It should not be applied to the thyroids. One session per week is sufficient. It can be applied for 6 weeks. With the special soft heads developed based on the success of shock waves in skin tightening, more superficial applications are made and used safely in skin rejuvenation.

*As a result, AWT - Acoustic Wave Therapy helps the skin to restore its natural elasticity and firmness. Especially in the neck and chin area, the effect is very high.*

MODUS CELLULITE AWT\*



BEFORE AFTER

MODUS CELLULITE AWT\*



BEFORE AFTER



## SKIN AND CONNECTIVE TISSUE TIGHTENING

Shock waves affect regional fat cells and remove them from the tissue. It tightens and recovers the skin surface and eliminates the problem of skin laxity. In multicenter clinical studies, it has been determined that skin elasticity increases in the body, fibrous bands dissolve and fat tissue thickness decreases.

*As a result, the device, which is extremely effective for localised fat after 5-10 sessions, eliminates the loss of elasticity.*

*A visible tightening is seen in the loose and sagging tissue.*

MODUS CELLULITE AWT®



BEFORE AFTER

MODUS CELLULITE AWT®



BEFORE AFTER

MODUS CELLULITE AWT®



BEFORE AFTER

# MODUS CELLULITE SHOCK WAVE THERAPY SYSTEM

ACOUSTIC WAVE THERAPY TECHNOLOGY

# MODUS AWT

ACOUSTIC WAVE THERAPY

- > User friendly touch screen technology
- > Visual, written and video narrative information with ready-made treatment programs (Indications and Pathological Applications Guide)
- > Easy adjustment of parameters during treatment with touch screen



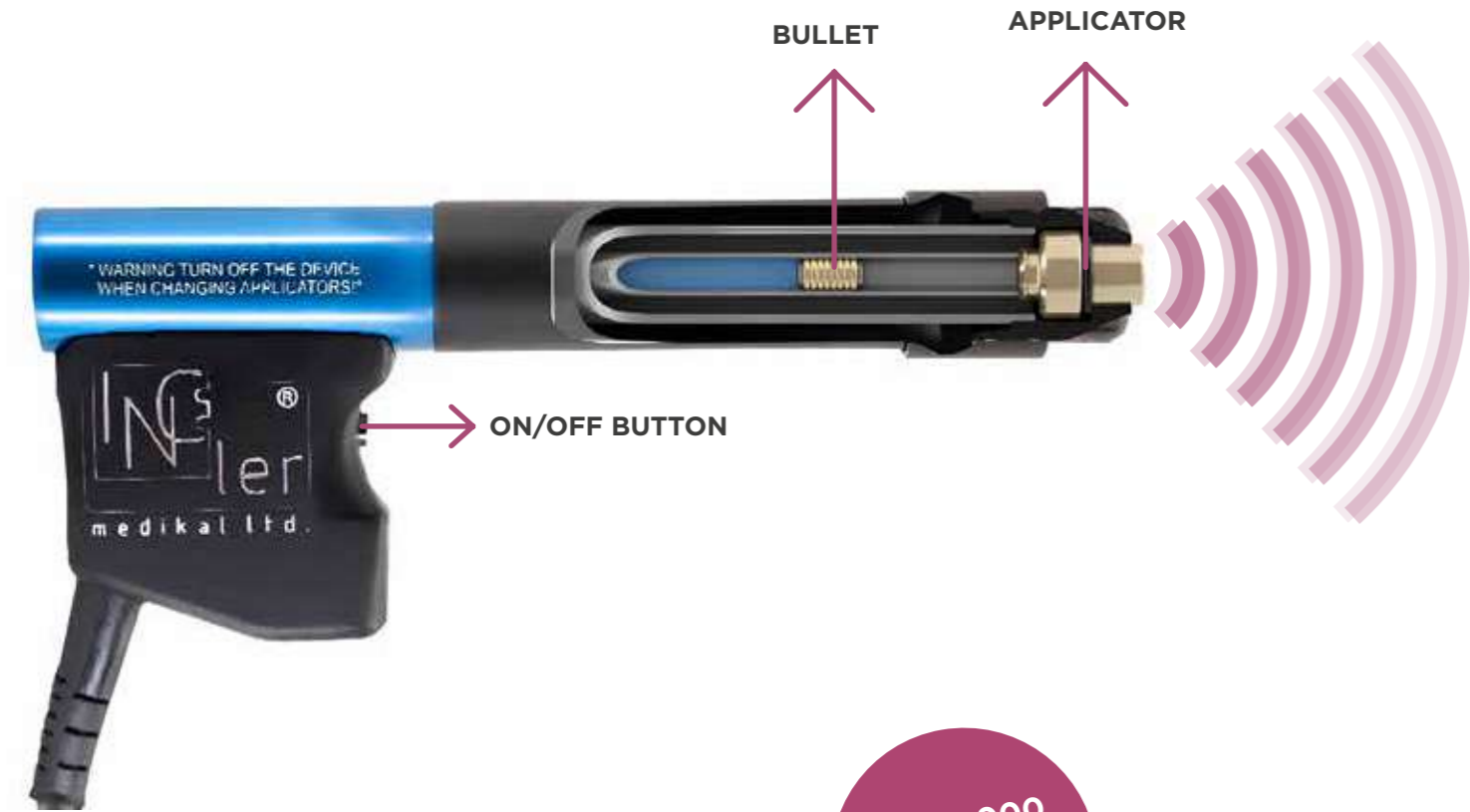
> Modus CELLULITE device provides archive support to the user with its patient registration and follow-up menu.



- > The Modus CELLULITE handpiece has 3,000,000 shots capacity.
- > The net effect of the treatment provided by Modus CELLULITE on the tissue is transmitted as 5 bar.

> Modus Cellulite AWT is portable. It can be easily moved by detaching from its stand.





**3.000.000 SHOCK SHOT GUARANTEE**

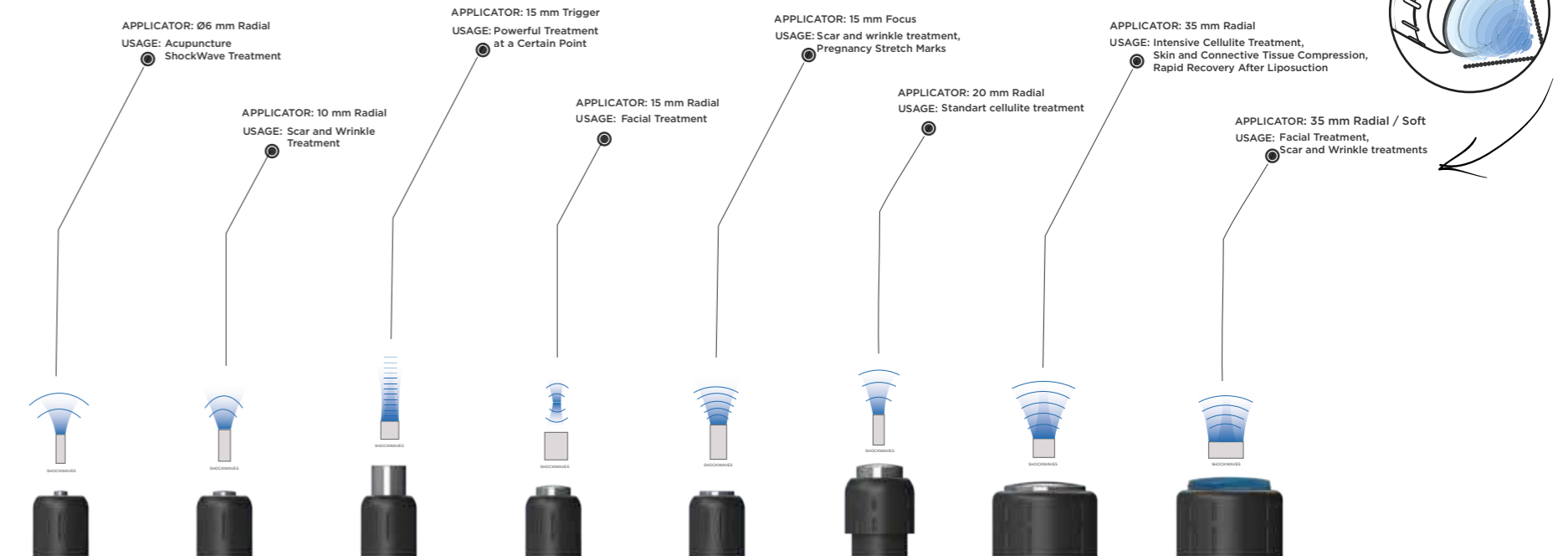
- > Ergonomic and lightweight handpiece
- > Aesthetic design, stability and long life time
- > 3.000.000 shock shot capacity
- > 5 bar net effect

## MODUS AWT APLICATORS

- > Modus ESWT has a wide range of applicators suitable for every treatment.
- > System applicators max. Transmits 22 Hz shots to the body with the handpiece and provides a penetration depth of up to 30-40 mm in the tissue it comes into contact with.
- > The Soft applicator, which can be used as an option, is designed for sensitive application areas. It has a focused application feature. It provides point and regional treatment by ensuring that the shock waves applied to the painful areas are absorbed by the tissue.

## SOFT APLICATOR

- > *Modus AWT, which makes a difference with its unique technology, is the only device with a soft applicator.*
- > *With the soft applicator, ease of use is provided in the painful and sensitive area.*





**Say goodbye to orange peel skin!**

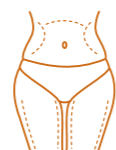
## BODY SHAPING & CELLULITE TREATMENT



Effective Cellulite Treatment



Skin and Connective Tissue Compression



Rapid recovery after liposuction



Visible results from the first session

### WHY MODUS CELLULITE AWT?

> *Modus Cellulite AWT is a cellulite, wrinkle removal and thinning device. It does this with acoustic shock waves about 20 times more powerful than ultrasonic waves. The biggest and unique difference from all other competitors; is that it reduces fats healthily by triggering its own physiology mechanisms without using hot or cold heat energy, that is, without creating a risk of thermal burn in the subcutaneous tissue.*

> *Modus Cellulite AWT is designed for hospitals, aesthetic clinics, diet polyclinics and beauty centers with the aim of using shock waves with maximum efficiency and a wide range of uses.*

> *Modus Cellulite AWT is successfully used in beauty and aesthetic applications such as cellulite, recovery after liposuction, removal of wrinkles after pregnancy, varicose veins, tightening therapies in physical therapy and orthopedic clinics. Modus Cellulite has maximized the efficiency of AWT technology with its wide range of applicators and efficient rhythms in AWT use.*

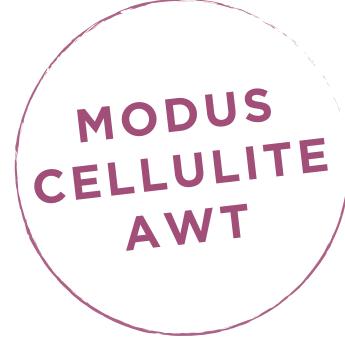
> *Soft Applicators in Modus Cellulite AWT are designed for sensitive areas. It is designed for use for point and regional treatment by providing absorption of shock waves applied to painful areas.*

### TECHNICAL SPECIFICATIONS

MANUFACTURER: İNCELER MEDİKAL  
 MODEL: **Modus®**  
 USER MODE: **Auto (Ramp-up), Continuous, Burst, Single**  
 COMPRESSED AIR SUPPLY: **Internal Compressor, Portable model**  
 AVERAGE PRESSURE: **1 - 5 bars**  
 FREQUENCY OF USE: **1-22 Hz**  
 POWER SUPPLY: **220-240 ±% 10 VAC, 50/60 Hz**  
 DISPLAY: **Touch screen**  
 TREATMENT START/ STOP: **Touch Screen and Handpiece Button**  
 PARAMETER MEMORY: **3 Programmable Memory Keys (S1, S2, S3)**  
 READY TREATMENT PROTOCOL: **20-30 units**  
 USER PASSWORD: **Yes**  
 INSULATION: **Internal 12 V DC transformer insulation**  
 HANDPIECE: **Suspension System, 3 million shock pulses**  
 APPLICATORS: **6mm Radial**  
                   **10mm Radial**  
                   **15mm Radial**  
                   **15mm Trigger**  
                   **15mm Focus**  
                   **20 mm Radial**  
                   **35mm Radial**  
                   **36mm Radial**  
                   **35mm Radial Soft**  
 WEIGHT: **12 kg**  
 DIMENSIONS(HxWxW) (MM): **125 mm x 390 mm x 316 mm**  
 CLASSIFICATION: **According to EN 60601-1 Class I Type B**  
                           **According to EN 93/42 MDD Class IIb**  
                           **FDA Registered Manufacturer**  
                           **IEC 60601-1**  
                           **IEC 60601-1-2**  
 OPERATING ENVIRONMENT: **10° C ≤ Temperature ≤ 40°C**  
   **30% Rh ≤ Humidity ≤ 80% Rh**  
 STORAGE AND CARRIAGE CONDITIONS: **-10° C ≤ Temperature ≤ 50°C**  
   **20% Rh ≤ Humidity ≤ 90% Rh**



Aesthetics



**INCELERMEDIKAL.COM**

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