

INDIBA®
revitalizing lives

Aesthetics

REVERSO
Deep Fractional RF



Reverse Skin Aging

Technological Innovation Optimal Skin Resurfacing

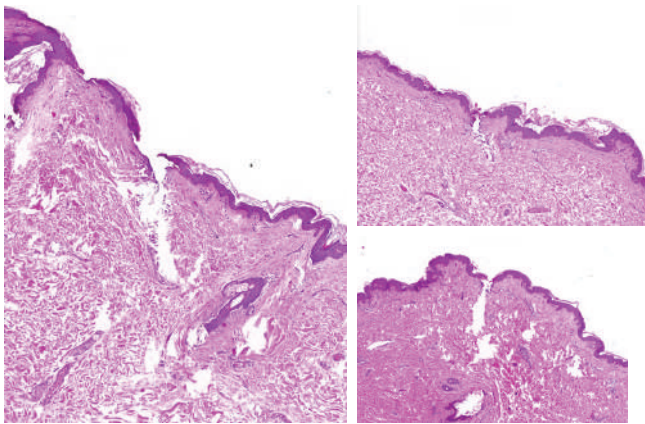
Reverso is a Fractional RF device, offering highly efficient, patient-tailored skin resurfacing. The device incorporates several innovative technological solutions, all intended to guarantee optimal clinical results while maintaining the utmost safety.

SPD - Speed, Power, Depth of Penetration

Speed

The Reverso tip emits electric pulses every second and covers a work area of 194 mm² per pulse. The combination of a large tip and short pulse intervals offers enhanced efficacy, and therefore a better treatment experience for users and patients alike.

- Completing treatment in minimal time
- Significantly reducing the inflicted pain



Skin sections following treatment by Reverso clearly show deep and narrow ablation and smaller-scale coagulation, all attributed to Reverso's unique technology.

(Images courtesy of Emek Medical Center, Israel)

Power

Reverso generates energy of up to 10W per pin. This high power causes substantial (yet controlled) thermal destruction in patients' skin, whose healing processes result in significant skin regeneration. The quicker and the more powerful the thermal destruction is, the more effective and the less risky the resulting ablation, leading to a healthy and rapid tissue remodeling process.

Depth of Penetration

Reverso implements the Very Sharp Pin (VSP) technology: the pins on its tips have a very sharp edge, at an angle of 15°, facilitating penetration to the dermis, up to a depth of 1 mm (88, 176 pins tip) and up to 2 mm (44 pins tip).

Energy Distribution

Reverso optimizes energy delivery to the skin in a scanning mode, so that the RF energy is evenly distributed across the treated area. The uniform energy distribution significantly reduces the risk of post-inflammatory hyperpigmentation.

Reverso offers several interchangeable tips, for a highly customized treatment



44 pins tip



88 pins tip



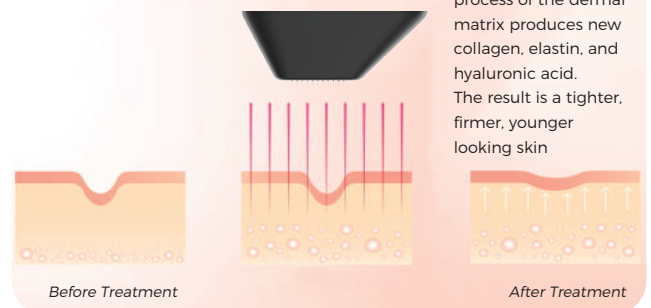
176 pins tip

The Deep Fractional RF Technology

Reverso generates confined radio frequency electric currents that are transmitted to the skin through an array of tiny needles. When the electromagnetic energy penetrates the skin, it is converted into high heat energy.

The objective of the Deep Fractional RF technology is to cause controlled thermal destruction in the skin, whose healing process will result in skin rejuvenation and remodeling.

Fractional Radio Frequency - Skin Resurfacing



Physiological Impact

The physiological impact of Fractional RF on the skin is two fold.

- **Tissue ablation** (controlled destruction by vaporization) - leading to skin resurfacing
- **Protein coagulation** - up to full denaturation, whose natural healing processes accelerate formation of new collagen, elastin, and hyaluronic acid.

Treatment Objectives - Reverse Skin Aging

Tissue Remodeling - Skin Rejuvenation

Skin firming - Lifting effect

Fine wrinkles improvement

Facial contour definition

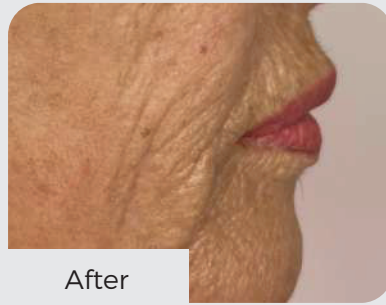
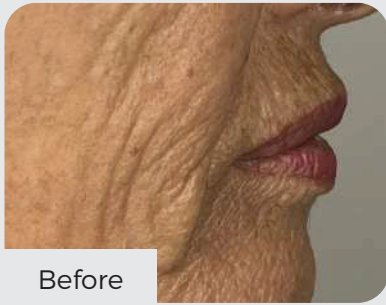
Superficial & Deep hyperpigmentation improvement

Acne scars and other scars improvement

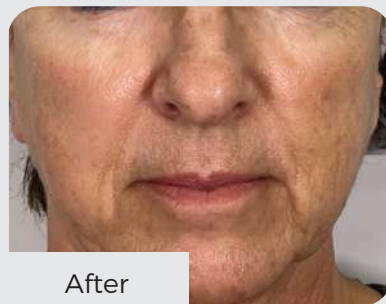
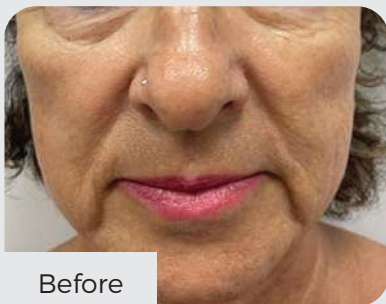
White & red stretch marks blurring



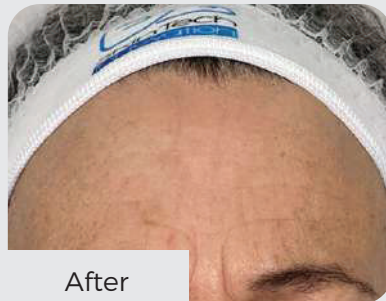
Treatment Results



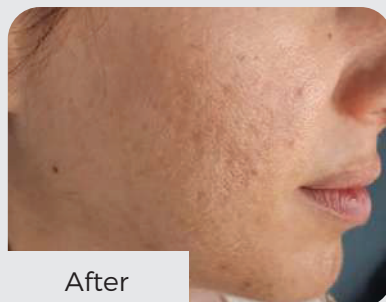
4 weeks after
2nd treatment



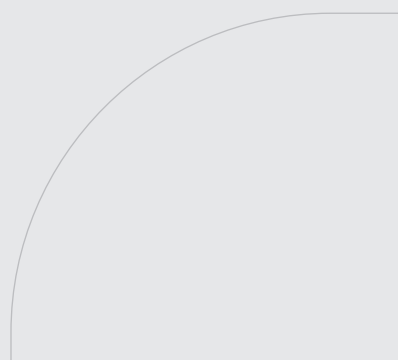
4 weeks after
2nd treatment



2 months after
1 treatment



2 months after
1 treatment

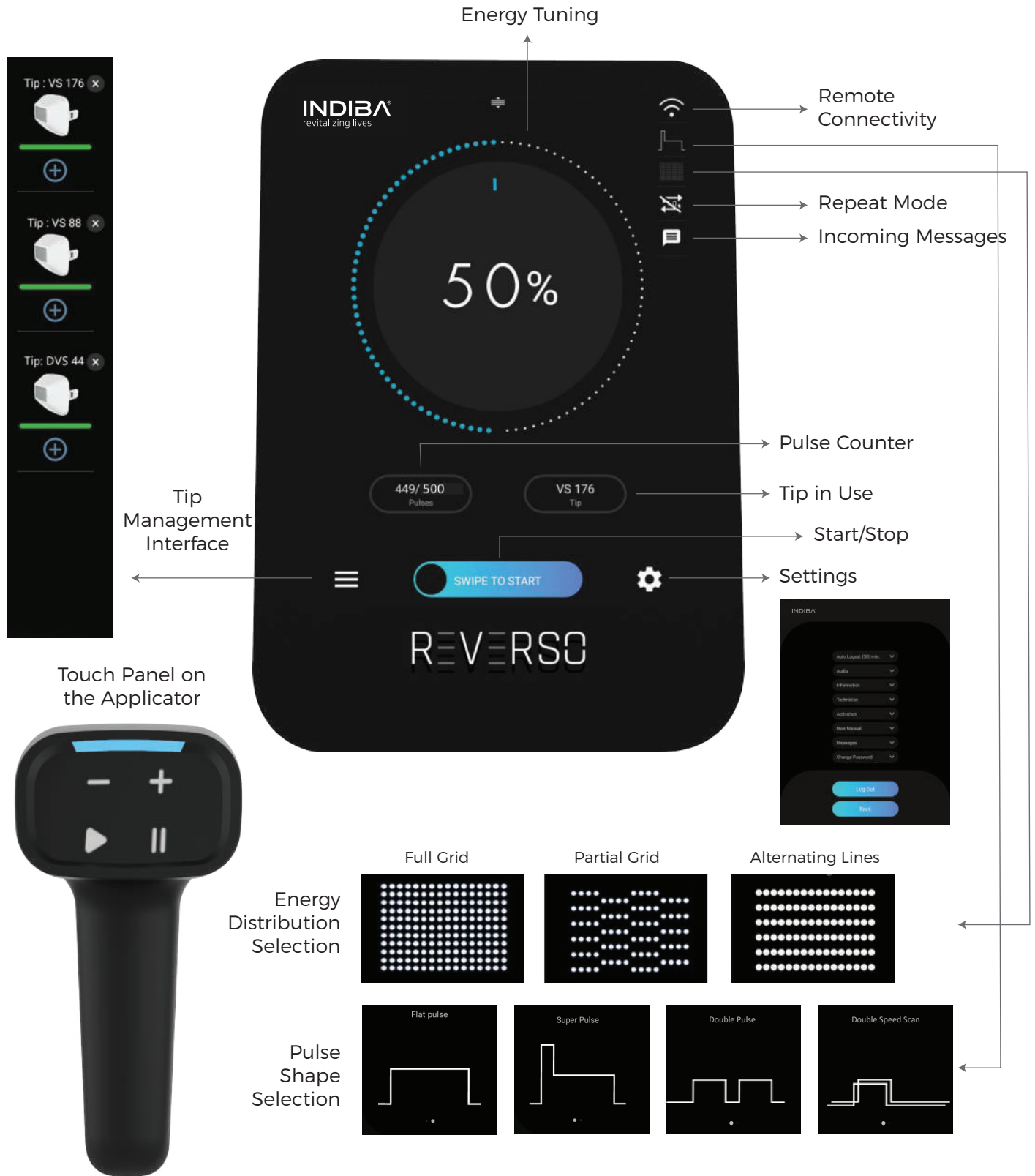


Advanced User Interface

Reverso offers an advanced and intuitive user interface, designed to optimize both user experience and the clinical results. The device is controlled by a main touch screen (10.4 inch), as well as a touch panel on the applicator.

Internet connectivity

Enables remote activation/deactivation of the device, tip management from the device, sending messages to/from the device, and remote access to diagnostic statistics so that users can optimize business practices and improve treatment efficiency.



Customized and Tailored Treatment

Treatment by Reverso is based on the Variable Pulse Profile (VPP) technology. The user-friendly touchscreen allows users to select the RF pulse shape, based on patients' overall situation:

✓ Skin type & condition

✓ Clinical indication

✓ Individual sensitivity



Flat Pulse

Constant energy throughout the pulse duration. Suitable for all skin types and skin conditions.



Super Pulse

Peak-then-plateau pulse, for deeper ablation. Suitable for repairing scars (including post-acne scars) and stretch marks, as well as for massive tissue remodeling in mature skin



Double Pulse

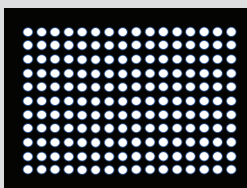
Double pulse in varying power, for extra ablation and coagulation. Suitable for treatment of mature skin and for repairing scars.



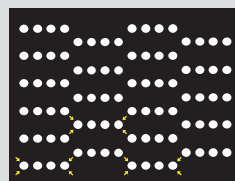
Double Speed Scan

Parallel pulse, enabling quick energy transmission, in half the time of the Flat Pulse. Suitable for broad skin areas, as well as for thin and sensitive skin (less-painful treatment).

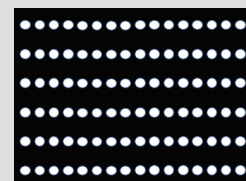
Energy Delivery Patterns - Impact on the Skin



Full Grid (100% of the pins are active) - This pattern generates maximum ablation spots in the treatment area. Intended for rejuvenation of mature skin.



Partial Grid (50% of the pins are active) - This energy delivery pattern is most suitable for resurfacing younger skin and for shrinking enlarged pores.



Alternating Lines (50% of the pins are active) - This pattern is specifically intended for skin tightening in a pre-defined direction.

Technical Specification

Max Energy	124 mJ/pin
Max Power	10 W/pin
Frequency	460 kHz
Power Input	100-240V 50 / 60 Hz, 100VA
Disposable Tips	Variable tips, 44/88/176 pins
Tip Area	~ 2 cm ²
Touch Panel (x2)	Touch screen, 10.4 inch + Touch panel on applicator
Dimensions	31.8 cm x 31.5 cm x 31.5 cm (WxDxH)
Weight	Body: 6 kg Applicator: 0.3 kg

Awards



Red Dot Design Award 2022

The Red Dot Design Award is one of the world's largest design competitions. The Red Dot Label has become established internationally as one of the most sought-after marks of quality for good design.



GOOD DESIGN® 2022

The Chicago Athenaeum Museum of Architecture and Design and Metropolitan Arts Press Ltd. present the Museum's annual GOOD DESIGN® Awards Program for the most innovative and cutting-edge industrial, product, and graphic designs produced around the world.



IDA Design Awards 2022

The International Design Awards (IDA) exists to recognize, celebrate and promote legendary design visionaries and to uncover emerging talent in Architecture, Interior, Product, Graphic and Fashion Design.



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