



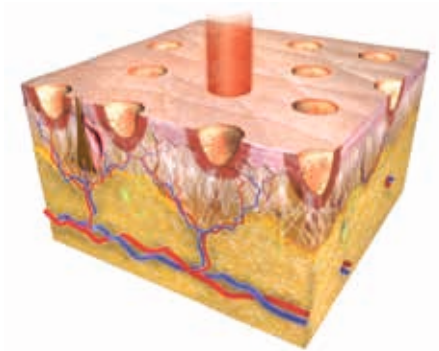
**SCAR 3**

**The Assisted Scanner  
Solution for Scars**

**DEKA**  
Innate Ability

# Optimised Technology for Scar Problems

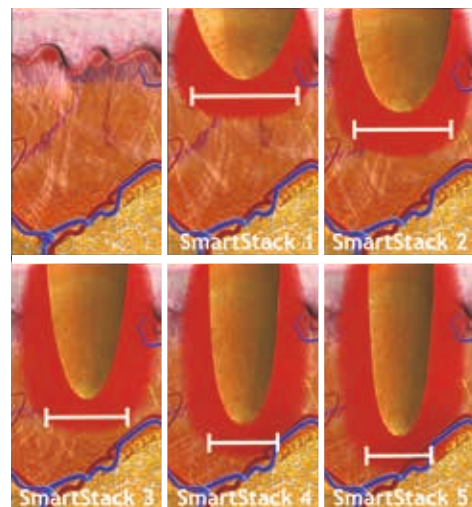
The **SCAR 3** scanning system has been developed to offer a solution in the treatment of scars, exalting the characteristics of the Deka CO<sub>2</sub> laser systems. This problem is improved in terms of skin, pigmentary and functional structure. This innovative scanning system also acts in-depth to deal with even the most complex problems.



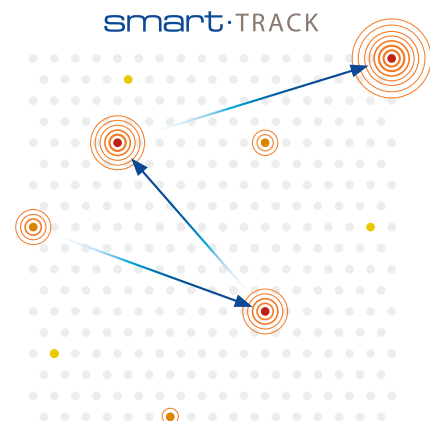
Through **the emission of dots**, micro areas of thermal damage are generated on the skin alternated by untreated tissue. Healing is very fast (just a few days) substantially reducing the clinical time to go back to normal activities. The rapid re-epithelization allows restoring the epidermal barrier, reduced erythema and an immediate clinical result (tissue shrinkage due to selective heat transfer).

## SMARTSTACK Real and Total Vaporization Depth Control

You can select up to 5 **“SmartStack”** levels for real vaporization depth control. As the SmartStack level increases, you obtain progressive thinning of the ablation canal due to the greater shrinkage effect. SmartStack contributes to making treatment more effective and safer and with improved compliance for the patient.



**SmartTrack** is the scanning algorithm specifically developed to boost thermal action on the tissue by generating intelligent sequences that optimise the scanning path and achieve greater naturalness and harmony of the post-treatment pattern.

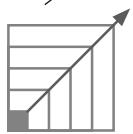




Stretching of the scanning area



Shape of the scanning area



Size of the scanning area

Power

Dwell Time



Drawing not to scale

**PSD technology** allows selecting from various pulse modes in order to selectively manage the vaporization depth and the thermal effect: S-Pulse, D-Pulse, H-Pulse, U-Pulse, CW. By changing the pulse mode on the area involved, different effects can be obtained in terms of ablation and stimulation.

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# Technical Specifications

SCAR3	
<b>Maximum Scanning Area</b>	15 x 15 mm
<b>Stay Time</b>	100 µs to 2000 µs, steps of 100 µs
<b>Dot Spacing</b>	0 a 2000 µm, steps of 50 µm
<b>Scanning Figures</b>	Dot, line, triangle, parallelogram, hexagon, square
<b>Scanning Mode</b>	Normal, Interlaced, SmartTrack
<b>SmartStack</b>	1 to 5
<b>Emission Mode</b>	SP, DP, HP (DOT fractional scanning mode) and CW (standard scanning mode)
Accessory for Smartxide <sup>2</sup> , Smartxide Touch and Smartxide Punto systems	

This brochure is not intended for the US market.



## SCAR 3



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Dealer stamp



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### DEKA Innate Ability

A spin-off of the EL.En. Group, DEKA is a world-class leader in the design and manufacture of lasers and light sources for applications in the medical field. DEKA markets its devices in more than 80 countries throughout an extensive network of international distributors as well as direct offices in Italy, France, Japan and the USA. Excellence is the hallmark of DEKA's experience and recognition garnered in the sphere of R&D in over thirty years of activity. Quality, innovation and technological excellence place DEKA and its products in a unique and distinguished position in the global arena. DEKA manufactures laser devices in compliance with the specifications of Directive 93/42/EEC and its quality assurance system is in accordance with the ISO 9001 and ISO 13485 standards.