

Sandstone Medical's Matrix CO₂ Fractional Laser Offers Clinical Results, Value and Reliability

By Bob Kronemyer, Associate Editor

With its innovative design, the Matrix CO₂ laser system from Sandstone Medical Technologies, LLC (Birmingham, Ala.) provides physicians with a safe, fast and affordable alternative when considering the purchase of a fractional laser system. "This system was designed with the physician in mind," stated Mark Rohrer, co-founder of Sandstone Medical Technologies. "In today's uncertain economy, physicians need to have the option of purchasing affordable aesthetic lasers. Priced at under \$50,000, the Matrix Fractional CO₂ laser package meets these requirements."

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Included in the Matrix fractional CO₂ laser package is the UltraFine-FS fractional scanner and an incision handpiece that can be used for other aesthetic and dermatological procedures. Furthermore, the Matrix can also host a flash scanner that will allow physicians to perform traditional CO₂ laser resurfacing as well.

Due to its compact, lightweight construction, the Matrix can be easily transported to nearby satellite offices. Its durable, ergonomic, articulated arm seldom needs to be aligned and

supports the weight of the accessory being used. Typically physicians use 18 to 22 watts to perform the fractional resurfacing procedure, however the Matrix CO₂ laser can deliver up to 25 watts of energy to tissue.

Providing a 150 mm spot size, the UltraFine-FS fractional scanner delivers energy in geometrical patterns, including a square, rectangle, octagon, triangle and a doughnut. Each pattern size can be adjusted from 3 mm up to 18 mm. An 18 x 18 mm square can be filled, in less than a second, making the UltraFine-FS one of the fastest scanners on the market. A complete face can be resurfaced in approximately 15 minutes using a topical anesthetic and a cold air chiller. Laser energy penetrates through the epidermal layer of tissue into the subdermal tissue. In addition, the heat stimulates and realigns collagen in the subdermal region.

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Unlike traditional CO₂ resurfacing, fractional resurfacing can be used on the neck, chest and hands. According to John Joseph, M.D., a plastic surgeon in Beverly Hills, Calif., "After trying most of the fractional CO₂ systems on the market, I decided to purchase the Matrix from Sandstone Medical. I have had nothing but consistent, good quality results on the face, hands, neck and chest areas."

The Matrix laser can be used on a range of skin types. "This is CO₂ skin resurfacing at its finest," stated Patricia Yun, M.D., a dermatologist in Torrance, Calif. "Sandstone Medical's fractional Matrix CO₂ laser system is easy-to-use, requires minimal anesthesia and most importantly, offers great results without the handholding associated with traditional skin resurfacing. My patients can usually apply make-up 48 hours post-procedure and are completely healed within a week."



Patricia Yun, M.D.
Dermatologist
Torrance, CA

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According to Mr. Rohrer, the Matrix laser meets the physician's every need. This is a versatile system that can be used for a wide array of dermatological and aesthetic procedures. The Matrix CO₂ produces consistent, impressive results and is cost-effective to purchase and maintain with the inclusion of a two year warranty.