

CVDVale- CVDentus Dental Ultrasonic Diamond Tips

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Technology description

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Our technology consists of CVD (Chemical Vapour Deposition) synthetic diamond growth on a metal substratum creating a single crystal diamond on a metal rod. This enabled the development of CVDentus ultrasonic dentistry tips, a breakthrough as regards dental care and aligned with the present quest for conservative procedures that preserve dental structures.

Nowadays dentistry follows the concept of conservative, minimally invasive procedures that preserve original dental structures. Additionally, due to its outstanding results, ultrasonic devices can be frequently found in dentist offices due to its endodontics, periodontics and prophylaxis functions. Therefore the expansion of ultrasonic usage into other fields would depend on the appropriate tools. The CVDentus ultrasonic diamond tips fills this gap by delivering improved performance (in comparison to rotary burs) using ultrasonic technology in every field of dentistry such as, surgery, special patients, pediatrics dentistry, general practice, dentistry, prosthetics, endodontics, periodontics to name a few. Our target market is every dentist that aspires an improved performance and results, with comfort and safety for the patient. This innovative technology has been receiving endorsement from professors in several countries, as a new field in dentistry and has been adopted in a growing trend by the dental community. Our international expansion is a present strategic priority. We also manufacture adaptors to allow the use of CVDentus tips not only with our own ultrasonic device but also with the most important brands of ultrasonic devices available in the market.

Size: CVD diamond tips for dentistry application. There are approximately 220.000 dentists in Brazil, 400.000 in Latin America, and around 2.000.000 dentists worldwide. Global market for rotary burs tips is estimated to be around 0,7 US billion/year.

Institution

[CVDVale](#)

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