

Compare different cleaning techniques:

Traditional tooth cleaning	Oral hygiene with Emmi-dent Ultrasound
Manual, electrical, sonic brushes	100% Ultrasound/Ultrasonic
Cleaning through mechanical friction by means of abrasive substances in the toothpaste (RDA value 70–130; great risk of injuring dental enamel and gums) See: http://satyen.com/toothpastes.shtml	Motionless cleaning (no brushing, less irritation to gums) No abrasive particles (RDA value = 0) No damage to the enamel or gums
Mechanical rotations per minute (30–35,000 rotations per minute) (unpleasant friction)	Up to 96 million air oscillations per minute (pleasant micro-massage)
Cleans where bristles reach and where they are able to abrade	Cleans via implosion of micro-bubble toothpaste, even in the smallest cavities, fissures and gingival pockets; removes discoloration caused by wine, nicotine, food
Typically requires additional means such as dental floss, interdental brushes, mouthwashes, etc.	Ultraclean = No additional cleaning required
Prophylaxis for areas reached by bristles (surface, no deep tissue cleansing); regular visits for prophylaxis treatments with dentist required (expensive)	Prophylaxis for complete dentition, including gingival pockets; removes bacteria deep within tissue and protects e.g. your implants
No therapeutic effect	Therapeutic effect within a few days, even in advanced, acute cases (e.g. inflammation, mouth ulcers)

Don't be confused by large marketing budgets: A Sonic Brush is NOT Ultrasonic! As the table shows, there are fundamental differences.