

► ORTHOACCEL TECHNOLOGIES

AcceleDent Optima device



Manufactured by OrthoAccel Technologies, the AcceleDent Optima vibratory orthodontic device delivers better orthodontic experiences for orthodontists and their patients. An FDA-cleared, Class II medical device, AcceleDent Optima increases the predictability of clinical outcomes throughout the treatment process, even with challenging tooth movements.

AcceleDent Optima's patented SoftPulse technology applies precisely calibrated low-pulsatile forces that transmit through the roots of teeth, increasing cellular activity to stimulate the surrounding bone. Ideal for traditional braces treatment and clear aligner therapy, AcceleDent Optima is a strategic, technology-driven tool that helps orthodontists achieve high-quality clinical results.

For clear aligner therapy cases, many orthodontists have found that AcceleDent Optima's gentle vibrations improve tracking and tooth movement accuracy so much so that the finished result mirrors the planned programmed movements precisely. Additionally, orthodontists report fewer refinements when integrating the product into treatment.

Orthodontists incorporating the device into their braces cases also report significant advantages, including the ability to advance through wire sequencing protocols more quickly, enabling them to spend more time in the detailing/finishing phase.

Regardless of the appliance, AcceleDent Optima gives orthodontists greater control and the ability to give patients more precise treatment estimates and expectations. Clinicians are able to make the treatment experience faster and more comfortable for patients, with published studies showing that the device moves teeth up to 50% faster and reduces discomfort by up to 71%. The science behind AcceleDent Optima is supported by 14 peer-reviewed studies, including two randomized clinical trials.

For more information, visit acceleddent.com.



HIGHLIGHTS

- The science behind AcceleDent Optima is **supported by 14 peer-reviewed studies, including two randomized clinical trials**. Most recently, a 2018 study published in the *European Journal of Orthodontics* reports that AcceleDent Optima improves the accuracy of upper incisor rotation.
- AcceleDent Optima enables difficult tooth movements to become more predictable. Its gentle vibrations **improve tracking and tooth movement accuracy**, creating a finished result that mirrors the planned programmed movements precisely.
- As an FDA-cleared, Class II medical device, AcceleDent Optima is available to patients only through a doctor's prescription because OrthoAccel **values patient safety and quality clinical results**.