

# Endocator®

Think you finished irrigating?

*What's your Endoscore?*

Fast  
& easy  
to use



Endocator® is the first and only chairside device that detects residual organic debris - invisible to microscopes and radiographs - and delivers a quantitative Endoscore in just 10 seconds. \* 1, 2, 3, 4

**VistaApex**  
SOLUTIONS  
Value. Added.

#### Journal Citations

1. J Conserv Dent Endod. 2025 Feb;28(2):175-181.
2. J Conserv Dent Endod. 2024 Feb;27(2):111-112.
3. J Endod. 2015 Apr;41(4):447-50.
4. Annali Di Stomatologia, 2025;16(3), 221-233.

\*Product images are for illustrative purposes only.  
The final product may vary based on model specifications and design updates.

# Know if the root canal is clean.

**Residual debris is known to contribute to root canal failure.** Endocator® detects trace amounts of root canal contamination from bacteria, pulp tissue, blood, saliva, and apical fluid.

## How it works:

Endocator detects cellular debris by measuring the amount of Adenosine Triphosphate (ATP) and other biomarkers present in the sample. ATP is present in all living cells and can be used to determine the amount of remnant bioburden within the canal.<sup>2</sup>

When the sample is added and mixed in the Endocator Test Swab, remnant bioburden material undergoes a reaction which creates bioluminescence that is detected by Endocator. High Endocator scores mean that there are still high levels of debris (e.g. remanent bacteria and/or pulp tissue) in the sample and that additional cleaning is suggested to better debride the canal system.

## Ease of use:

1. Rinse the canal with 1ml of sterile water and aspirate a sample from the root canal back into the syringe.
2. Inject a pea sized amount of aspirated sample into the test swab, activate by inserting and shaking.
3. Insert the test swab into the Endocator device and press "Test"—the Endoscore displays in 10 seconds.

Use the following score chart for results:

1-25: Low Bioburden

26-50: Medium Bioburden

51-100: High Bioburden

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### Endocator Kit

- 1 x Endocator Device
- 1 x USB Wall Charger
- 1 x USB Cable
- 1 x IFU
- 1 x Quick Start Guide

\*Test swabs sold separately

NOTE: All components are non-sterile.

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### Endocator Test Swabs 20pk

- 20 x Endocator Test Swabs

Clean  
& Ready  
to Fill



## With Endocator you can now achieve:

- **Rapid, adjunctive reliable assesment** – bioluminescence technology to detect residual contamination invisible to microscopes and radiographs, offering an objective, quantitative score of cleanliness
- **Increased efficiency** - Optimize irrigation protocols with measurable verification of a thoroughly clean canal
- **Improved confidence** – Provides visible evidence of canal cleanliness, which may be useful in helping to reduce the likelihood of retreatments

## VistaApex Solutions

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1. U Sjögren et al. Int Endod J. 1997 (5):297-306.

Doi: 10.1046/j.1365-2591

2. K S Tan et al. J Endod. 2015; 41(4): 447-50