

MIDWEST Caries»I.D.™ AT A GLANCE

- Detects 92% of occlusal and 80% of interproximal caries
- Works in a wet field
- Signals with both audible and visual alerts
- Autoclavable outer housing (excludes battery module)
- Light weight handpiece
- Low energy consumption, operates with 2 AAA batteries

Item	SKU#	Description
Detection Handpiece	9100101	(1) Detection Handpiece and (1) Custom Cassette w/ Calibration Target
Probe	9107001	(1) Probe
Shell	9100501	(1) Shell
Custom Cassette w/ Calibration Target	91055	(1) Custom Cassette w/ Calibration Target



For more information or to place an order, contact an authorized DENTSPLY Professional Distributor or call Customer Service at 800-989-8826.

MIDWEST Caries»I.D.™

INTELLIGENT DETECTION

INSIGHT BEYOND EYESIGHT

MIDWEST CARIES I.D.™ DETECTS 92% OF OCCLUSAL, 80% OF INTERPROXIMAL CARIES.



Actual Size



NO NEED FOR A DRY RUN, ENJOY WET FIELD DETECTION

- While other caries detection devices require lengthy tooth drying, the Midwest Caries I.D.™ is effective in wet field environments.
- The detection handpiece will detect both occlusal and interproximal caries using the same 2-in-1 probe, without leaving the tooth surface.
- The handpiece is lightweight and cordless, helping you to easily locate caries.



Presence of the red light and audible tone indicates decalcification of tooth structure



Absence of the red light and audible tone indicates healthy tooth structure

SEE (AND HEAR) CARIES IN A WHOLE NEW LIGHT

The Midwest Caries I.D.™ uses Light Emitting Diode (LED) and fiber optic technologies to accurately detect both occlusal and interproximal caries. The presence of either type of lesion is identified by 2 signals: an audible tone, and a visual signal on the tooth. It requires only a clean tooth surface, free of plaque and calculus prior to use to be effective.

- Absence of the red light and audible tone indicates healthy tooth structure.
- Presence of the red light and audible tone indicates decalcification of tooth structure.

During the tooth surface mapping, the handpiece will emit beeps ranging in speed (from slow to rapid) while illuminating the tooth red to indicate the presence and location of caries.

The aim of the Midwest Caries I.D.™ is to enhance the detection of caries by augmenting the clinicians' knowledge of caries development. A large positive detection surface indicates a strong possibility of a large quantity of underlying decay.

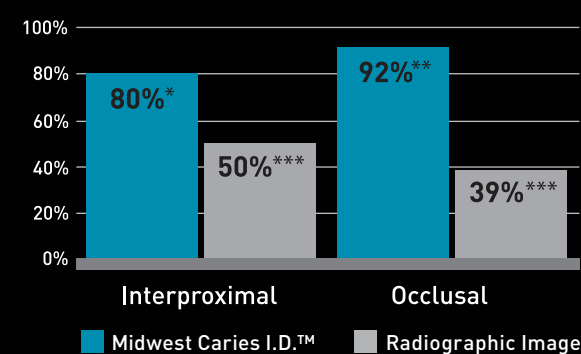
MIDWEST Caries»I.D.™

CARIES HIDE...WE SEEK

The Midwest Caries I.D.™ detection handpiece is an aid in identifying the presence of occlusal and interproximal caries in molars and pre-molars. The detection handpiece is recommended for use in the detection of caries in pits and fissures and interproximal areas on posterior teeth that have not been restored.

- The Midwest Caries I.D.™ technology emits a soft (LED) light and captures the resulting reflection and refraction in the tooth.
- A specific optic signature identifies the presence of caries. Healthy tooth structure is generally more translucent than a decalcified one; consequently, it has a different optic signature.
- The light reflected from the decalcification of the enamel is captured by fiber optics and is converted to electrical signals for analysis.

Caries Detection Sensitivity



* 80% sensitivity based on a radiographic gold standard.

** 92% sensitivity based on a histological gold standard.

*** 39% and 50% represents an average of a meta-analysis.

*** Source: J. Bader, "Systematic Reviews of Selected Dental Caries Diagnostic and Management Methods"

ENJOY THE CONFIDENCE THAT COMES FROM INTERPROXIMAL INSIGHT WITH
MIDWEST CARIES I.D.™ DETECTION HANDPIECE.

