

KaVo DIAGNOdent

Caries Detection Made Simple



Step 4
Caries
Detection

- Up to 90% accurate caries detection
- Portable
- Easy to use



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Proven Clinical Results

The DIAGNOdent is a diagnostic device that aids the dentist in making treatment decisions with confidence. Unlike traditional diagnostic methods, DIAGNOdent is an extremely accurate and reliable adjunct for the detection of sub-surface caries. It removes the guesswork that accompanies many treatment decisions regarding questionable areas, such as stained or discolored grooves.

What is DIAGNOdent and how does it work?

DIAGNOdent uses laser technology to detect and quantify hidden or sub-surface caries by measuring laser fluorescence within the tooth structure. The device operates at a wavelength of 655 nm. At this specific wavelength, clean healthy tooth structure exhibits little or no fluorescence, resulting in very low scale readings on the display. Altered tooth substances and bacteria, including caries, will fluoresce. The DIAGNOdent will react with elevated scale readings on the display. An audio tone allows the operator to hear changes in the scale values. This enables the user to focus on the patient – not solely on the device.

DIAGNOdent Features

- Integrated loudspeaker with intensity control emits audible tone
- Battery operated for complete mobility
- Highly resistant sapphire tips
- Storage/sterilization cassette with 4 occlusal tips
- Unit display shows maximum (peak) and current (moment) readings
- Detachable / sterilizable grip sleeve and tips

DIAGNOdent pen Features

- Portable, handheld, pen-like device – moves easily from room to room
- Prospective usage:
 - Ideal for offices that already use the DIAGNOdent and would like to have the added mobility of the hand-held DIAGNOdent pen unit
 - Ideal for dentists to confirm the precise location of the lesion prior to restorative treatment following an initial exam by the hygienist

DIAGNOdent Classic Features

- Portable unit with fiber optic tubing and light, thin handpiece for easy access and comfort
- Prospective usage:
 - Ideal for use during new patient exams and regular hygiene appointments
 - Allows for patient interaction and education. During scanning, the patient can hold the unit while both the operator and patient can monitor the values on the unit display

Product	Description	KaVo Part No.
DIAGNOdent pen	High Tech Laser Fluorescence Caries Detection Aid	1004.3400
DIAGNOdent Display Unit 2191	Values are shown simultaneously on the DIAGNOdent pen and on the remote display	1004.8400
DIAGNOdent Classic	Detect subgingival calculus for the treatment of periodontal disease. Sterilizable.	0574.0500
DIAGNOdent Pen Perio Tips	Perio Tip for detection of subgingival calculus in periodontal pockets	1004.0370
DIAGNOdent Classic Perio Tips	Perio Tip for detection of subgingival calculus in periodontal pockets	1004.1640
DIAGNOdent Pen Tip	For occlusal surfaces	1002.6967
DIAGNOdent Pen Barriers	250 pack	1007.1480
DIAGNOdent Classic Barriers	250 pack	1007.1479
DIAGNOdent Classic Tips	Type A Tip for occlusal surfaces	0574.1311
	Type B Tip for flat surfaces	0574.1321
DIAGNOdent Classic Sheath	Covers the DIAGNOdent tip and assist in asepsis control	0574.1211

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