Healthy Teeth , HappyYou

About us

DiagnoScan is a handheld dental diagnostic device that employs smart transillumination to precisely identifycaries and cracked tooth syndrome with high sensitivity. Its novel light-based technology offers a non-invasive, radiation-free alternative to traditional X-rays, enabling accurate, real-time diagnoses. Ergonomically shaped, easy to use, and IoT-connected, DiagnoScan enhances diagnostic performance, especially in remote or underserved communities.
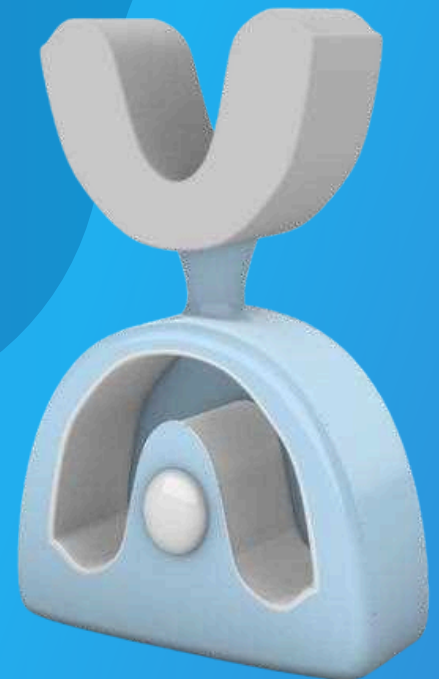
Features

- 1,500-watt lamp with light intensity of 2,000 lux
- 0.5 mm ultra-minuscule head diameter for precision
- Data sharing and storage using IoT-based mod
- Visual data analysis using microprocessor
- High-sensitivity light physics technology

Advantages

- **Non-Invasive Diagnosis:** Uses light instead of radiation, ensuring a safer and more comfortable experience for patients.

- **Superior Diagnostic Sensitivity:** Detects decay and cracks more effectively than many traditional imaging methods.

- **Compact and Ergonomic Design**: Fits easily into dental units and provides ease of use during examinations.

- **Cost-Effective:** Lower pricing compared to high-end competitors while maintaining advanced capabilities.

- **Real-Time Data Integration:** IoT connectivity allows instant data analysis and sharing among dental professionals.

Applications

- **Detection of Anterior Proximal Caries:** Offers clear visibility in challenging-to-image front teeth areas.

- **Cracked Tooth Syndrome Identification:** Detects subtle fractures typically missed by other devices.

- **Posterior Caries Detection:** Effectively scans molars and premolars where decay is most likely to occur.

- **Routine Dental Examinations:** Enables routine check-ups with rapid, high-resolution imaging.

- **Pediatric Dentistry:** Advantageous for assessing child patients without exposing them to radiation.

Applications

Dental Clinics:
Standalone practices looking for efficient, user-friendly diagnostic tools.

Hospitals:
Multi-specialty facilities needing reliable and scalable diagnostic solutions.

Mobile Dental Units:
Ideal for remote services where portability and ease of use are crucial.

Educational Institutions:
Valuable for training dental students with cutting-edge technology.

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