*device concept design

A new generation
of intraoral scanners

DEVENTIV AUTOMATIC ORAL SCANNER

DAOS

Deventiv Automatic Oral Scanner

PRODUCT LAUNCH:

2024–2025

DAOS is a device for automatic oral cavity scanning, which is an effective alternative to uncomfortable, commonly used dental impressions and non-precise manual scanners. The device automatically displays the condition of the teeth and gums with high accuracy and speed. The dentist does not have to perform any manual activities during the examination.

CHARACTERISTICS

As a result of the device's operation, a standard 3D model of the oral cavity is created in the form of a computer file. This model enables dental treatment planning - designing the geometry of dentures, implant templates and orthodontic appliances.

BENEFITS

⊕ Better quality of patient / client service at the treatment site.

⊕ The scanner replaces the commonly used, uncomfortable dental impressions based on alginate or silicone mass.

⊕ An alternative to manual dental scanners, which provide low reproducible results.

RANGE OF APPLICATIONS:

✦ University clinics, medical centers and dental offices;

✦ Prosthetic facilities that take impressions of the oral cavities of patients (digital or analog);

✦ In the Aesthetic Medicine Laboratory;

MediSensonic

A revolution
in dental diagnostics

MICROWAVE PULP VITALITY TESTER

MPVT

Microwave Pulp Vitality Tester

PRODUCT LAUNCH:

2023

Microwave Pulp Vitality Tester is an innovative device for examining the condition of the tooth pulp, using microwave technology. The basic function of the device is to assess the blood flow in the pulp vessels of the tooth, which is a parameter that determines its life span. MPVT has a chance to become the first tool on the market to check the life of a tooth before starting treatment.

CHARACTERISTICS

MPVT consists of the contact probe, that has been equipped with a microvawe sensor, and an optimized transceiver system that displays results of the tooth pulp examination.

BENEFITS

⊕ An objective and reliable assessment of the condition of the tooth pulp
(in contrast to the invasive and unreliable diagnostic methods that are currently used in clinical practice);

⊕ Speed of measurement;

⊕ High sensitivity;

RANGE OF APPLICATIONS

✦ University clinics;
✦ Medical centers;
✦ Dental offices;