

PICcamera

TECHNICAL DATA SHEET

PIC camera is the most accurate 3D oral scanner for implant impressions. It is the unique 3D oral scanner which is based on photogrammetry. This technology ensures an accurate measurement into the patient's mouth.

PIC camera exports the relative vector position between each implant. This allows us to obtain an accurate measurement of the position of the implants interrelated, bringing to CAD/CAM systems an added value to achieve a perfect fitting of structures based on dental implants.

The PIC file contains:

- Angles and distances between implants
- The doctor profile
- Patient's profile and implants platforms

The PIC file achieves the structure adjustment with an accuracy of 6 microns between implants.

3 easy steps for implant impression:

1. Screw PIC abutments on patient implants < 25 sec./u.
 2. Automatic images capture with PIC camera < 10 sec./u.
 3. Export file (. pic) generated by PIC camera. < 10 sec.
- 3 min. aprox



PIC camera

What is included?

- 3D Oral scanner: PIC camera
- PIC suite: managing software for patients, implants and doctors
- Set of PIC abutments: encoded implant abutments for PIC camera
- Portable stand with articulated arm and tray for laptop
- High end laptop: Mac book

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PIC CAMERA

Capture Rate	0,1 sec
Weight	1.750 gr
Dimensions	168 x 170 x 86 cm
Accuracy	6 μm (0,006 mm)
Connetor	Ethernet de 1 GB/ sec.
Calibration	Lifetime
Data cables	FODU 18PIN
Filter	Natural and pulsed light
Flash	Infrared



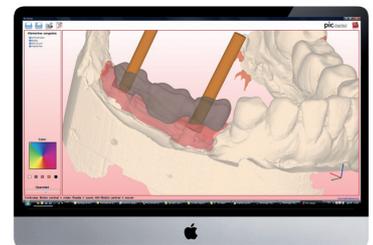


PIC abutments

TECHNICAL DATA SHEET	PIC ABUTMENTS
Description	Abutments for implant impression
Manufacturing	In house
Calibration	In house
Encoding	In house
Material	Bio-compatible and suitable for chemical and autoclave sterilization

PIC view

- Software to visualize 3D objects in STL and PIC
- It allows to load multiple files simultaneously. (gingiva, teeth, structure)
- It establishes the color and transparency of every object independently
- PDF generator for screen captures and explanatory comments associated



TECHNICAL DATA SHEET	MAC BOOK
Screen	TFT 1280x800 - 13"
Weight	2.3 kg.
Dimensions	330 x 232 x 27 mm
Processor	Intelcore 2 duo 2.4 GHZ.
RAM memory	2.048 MB
HD	160 GB
Optical memory	DVD +/- RW (+/-R DL)
Bluetooth	Integrated



Stand

- Aluminum portable stand: 132 cm (height varies according to patient), 134 cm (width deployed), 70 cm (folded)
- 3D Joystick, Manfrotto ref. 322RC2. Allows 360° rotational movement of the camera

