

Dental Camera DocQdent

Mobile precision

by Qioptiq

Simply connect the DocQdent™ mobile dental camera to your Windows computer. Connection to a dental chair is not required for use of the camera. The DocQdent™ produces sharp, crystal-clear images, and features an unparalleled optical resolution. Its ultra-fast autofocus is made possible by a patented liquid lens system. At just 2 mm, the shortest object distance is extremely small – with magnifications of up to 250x.

Your advantages:

- Mobile operation (only one camera needed for your entire office)
- Improved patient communication
- Highest image quality in the field
- Incredibly simple operation

Includes Focus 2D Camera software, for:

- Patient and image administration
- Perfectly sharp images without a foot switch
- Mobile image capture with multi-touch support



Technical Data DocQdent by Qioptiq

Optical system

Illumination	Focus range	Magnification	Camera angle	Image angle	Depth of focus	Spectral range	Focusing optics	Focusing
High Power LEDs	2 mm to infinity	max. 250x	90° ±5°	53°±5°	> 60 mm	420-750 nm	Patented liquid lens system	Autofocus in < 800 ms

Mechanical specifications

Length	Max. diameter, camera	Diameter of the camera head	Cable length	Weight (incl. cable)	Housing	IP protection	Material, camera window
195 mm	26 mm	11 mm	2.5 m	210 g	Fiber-reinforced plastic	Water-tight camera head (IP54)	Sapphire

Electronic specifications

Sensor	Resolution of stored images	Live video resolution	Power supply and data transfer
1/4" CMOS color sensor	1264 x 796 Pixel	816 x 514 Pixel	USB 2.0, high speed

Software

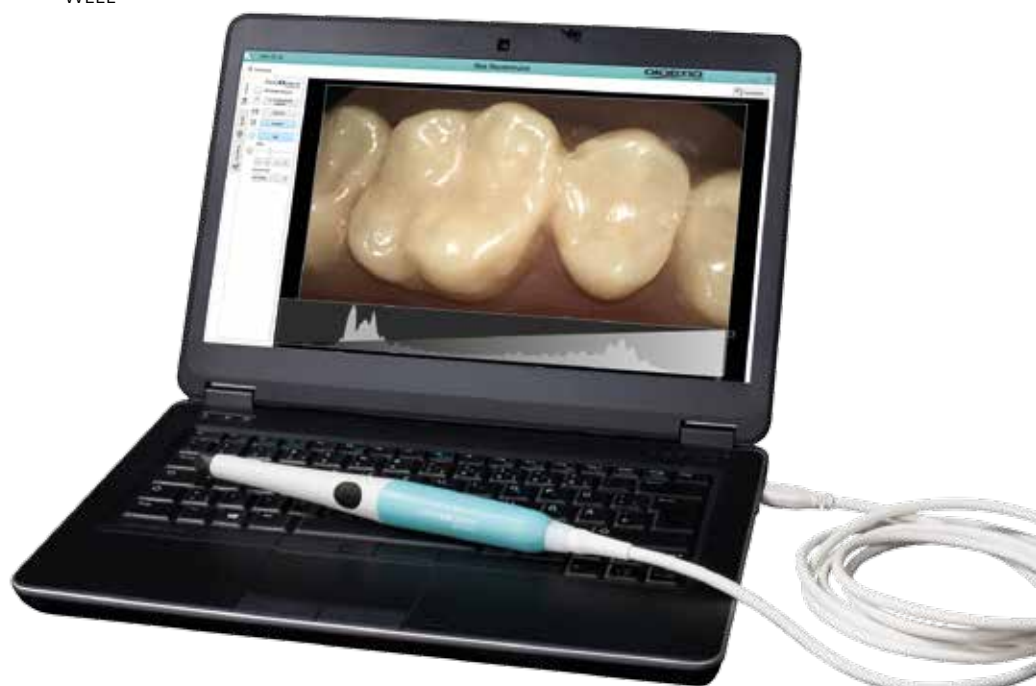
- Focus 2D software included in delivery:
 - Integrated patient and image administration utility
 - Perfectly sharp images without a foot switch
 - Mobile image capture with multi-touch support
- Operating system for camera software: Windows 7, 8 or 8.1

Conformity

- Medical devices directive:
 - EN ISO 60601-1: 2007
 - EN ISO 60601-1-2: 2010
 - Directive 93/42 EWG
 - Rohs
 - REACH
 - WEEE

Camera holder

- With the optional camera holder (available separately) the camera is automatically switched to standby mode when placed in the holder.



For technical consultation:

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