

Living up to Life



Full HD 1080p Camera

for the Leica M320 Microscope for Dentistry

INTUITIVE, FAST, CONVENIENT

Leica Microsystems stands for high quality optics and images. Our Full HD camera perfectly combines quality, ease of use, and innovative image management with the Leica M320's ergonomics and efficiency.

HIGH QUALITY DOCUMENTATION FOR YOUR DENTAL CLINIC

All-in-one high-definition imaging: Cable free, fully integrated Full HD documentation management with live image, photo, and video in 1080p / 1080i / 720p resolutions to meet your practice needs.

UPGRADE TO A SMART LEICA M320 WITH NEW CAMERA

Make the most of today's documentation possibilities. Leica Microsystems' modular microscope design allows easy upgrades to incorporate the new camera and documentation system for simple and effective patient dialogue and documentation. Taking high-quality images and videos is now made easy for you!



High Definition Imaging Meets Dental Microscopy



INTUITIVE REAL TIME DOCUMENTATION

Today, patient documentation plays an ever increasing role within your practice. With user-friendly, integrated Full HD recording, essential data can be captured with only a push of a button, with no interruption of your workflow.

FAST AND EFFECTIVE PATIENT COMMUNICATION

A picture says more than a thousand words! Show your patient what you see by utilizing individual recording and replay functions, thus allowing you to actively include them in consultation and treatment.

CONVENIENT DATA TRANSFER

Store images and videos on SD card or transfer data via USB cable directly to your patient records. This facilitates integration of patient data and images into your dental practice.

TECHNICAL SPECIFICATIONS

VIDEO AND STILL PICTURE CAMERA

Image resolution	2.5 MP, 5 MP, 10 MP
Live stream resolution	1080p, 1080i, 720p
Recording resolution	1080p, 720p
Camera format	16:9, 4:3
File storage/transfer	Integrated SD card slot (up to 32 GB)
File transfer	USB 2.0
File formats	Image: JPEG, Video: MPEG-4
Video/signal output	HDMI

CAMERA SETTINGS

White balance	Automatic or manual
Auto-light control (ALC)	ALC mask: NO mask, S circle, M circle, L circle, manual
Capture modes	Normal, high-sensitive, and burst mode
Monitor image reversing	Flip and/or mirror

RECORDING AND REPLAY FUNCTIONS

Folder management	Creation of individual patient folders
Digital zoom stills	2x, 3x, 4x
Re-play stills	JPEG capture on external file storage device and playback function
Re-play video	Forward, rewind, pause, resume
Still image rotating	Counterclockwise or clockwise

REGULATIONS AND STANDARDS

Leica M320 surgical microscopes: Council Directive 93/42/EEC on Medical Devices (MDD) and its amendments. Classification: Class I, in compliance with Annex IX, rule 1 and rule 12 of the directive. Medical Electrical Equipment, Part 1: General Requirements for Safety IEC 60601-1; EN 60601-1; UL60601-1; CAN/CSA-C22.2 NO. 601.1-M90. Electromagnetic compatibility IEC 60601-1-2; EN 60601-1-2. The Medical Division, within Leica Microsystems (Schweiz) AG, holds the management system certificates for the international standards ISO 9001, ISO 13485, and ISO 14001 relating to quality management, quality assurance and environmental management.

