

LABOMED®
ideas for vision

PRIMA lite | DENTAL MICROSCOPE

YOUR VISION, OUR INNOVATION, BETTER DENTISTRY



Welcome to the LABOMED® **PRIMA lite** dental microscope, where optical finesse meets mechanical excellence. With exceptional resolution and clarity, cool illumination true to daylight and fluid mechanics, the **PRIMA lite** brings every element of performance into harmony.

LABOMED MaxLite optical technology renders dental anatomy with high fidelity and true color. An optics pod with a built-in LED light source keeps the design compact and streamlined, so the **PRIMA lite** maneuvers easily in even the tightest clinical spaces, with one of the smallest and lightest footprints across its mounting formats.







BRIGHTER, CLEANER, SMARTER: YOUR DENTAL MICROSCOPE

The LABOMED **PRIMA lite** combines optical quality with mechanical versatility. This compact, feature-rich system pairs an apochromatic optical design with LABOMED MaxLite coatings to deliver outstanding image clarity and field homogeneity in dental procedures.

An automatic balancing arm keeps the microscope stable when cameras and accessories are mounted, for seamless photo documentation and operation free of drift and vibration. Its modern, streamlined industrial design is a welcome addition to any practice.



Superb Optics

The LABOMED **PRIMA lite** offers exceptional visual clarity and eye relief. Its apochromatic optical design and premium coatings deliver anti-glare, scratch-resistant optics built to last. A smoothly adjustable magnification changer provides a range of settings, which readily available optical accessories can extend. With optical glass of the highest grade, the **PRIMA lite** delivers more light where it matters most: to your eyes.



Ergonomics

Dentists expect real ergonomic benefit from a microscope, and the **PRIMA lite** delivers it. The fluid arm system has tension controls set to each user's preference and a suspension arm that adjusts vertically without drift. The microscope carrier arm uses advanced counterbalancing, so the microscope articulates smoothly however it is accessorized.



Brilliant Illumination

An integrated 27 W LED system delivers bright, homogeneous illumination. The optical coupling is designed to minimize internal light loss, and high-grade glass and exacting design standards make the **PRIMA lite** highly efficient: 100,000 lux at very low power consumption, with an LED life expectancy of 50,000 hours.



ERGONOMICS



The LABOMED **PRIMA lite** has a modern design for practices that need a microscope versatile enough to fit today's office and tomorrow's build-out. Modular in mounts and arm accessories, it suits nearly any environment, and adapter kits let a system move from one mount to another.

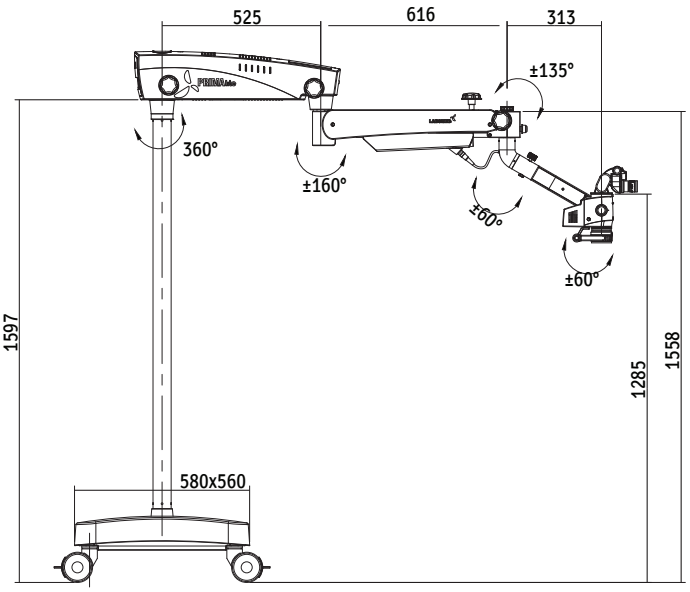
Higher-magnification eyepieces and variable-working-distance objectives extend its optical capabilities. Adding almost any DSLR or C-mount camera is simple with the ergonomic rear-facing beam splitter and other ProLine adapters, or you can attach your smartphone for intuitive, wireless still capture and video recording.

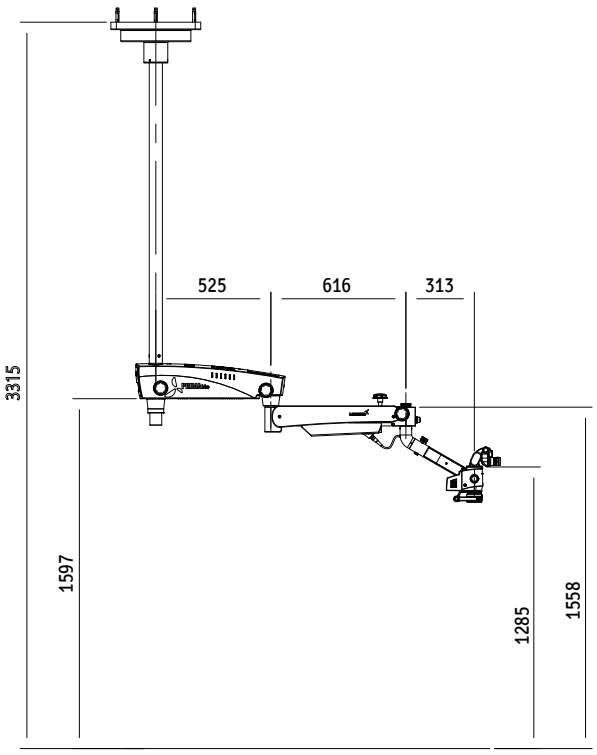
SPECIFICATIONS

Observation tubes	0–210° inclinable binocular tube
IPD	49–78 mm
Eyepieces	Standard: WF 10x/18 mm with lockable eyecups Option: WF 12.5x/18 mm with lockable eyecups
Magnification changer	Apochromatic, 5 steps: 0.4x, 0.6x, 1.0x, 1.6x and 2.5x; MaxLite coated
Objective	Standard: f 250 mm, focusable NuVar 7: f 290–360 mm, WD 200–270 mm
Field of view	10.6–66 mm
Fine focus	Manual, by objective adjustment knob
Light source	27 W LED, 100–240 V
Illuminance	100,000 lux
Maximum power	60 W
Built-in filters	Green and yellow
Microscope carrier	120° carrier
Optional accessories	Inclined double beam splitter, RotoPlate, extender, double iris, Pro-Line camera and smartphone adapters



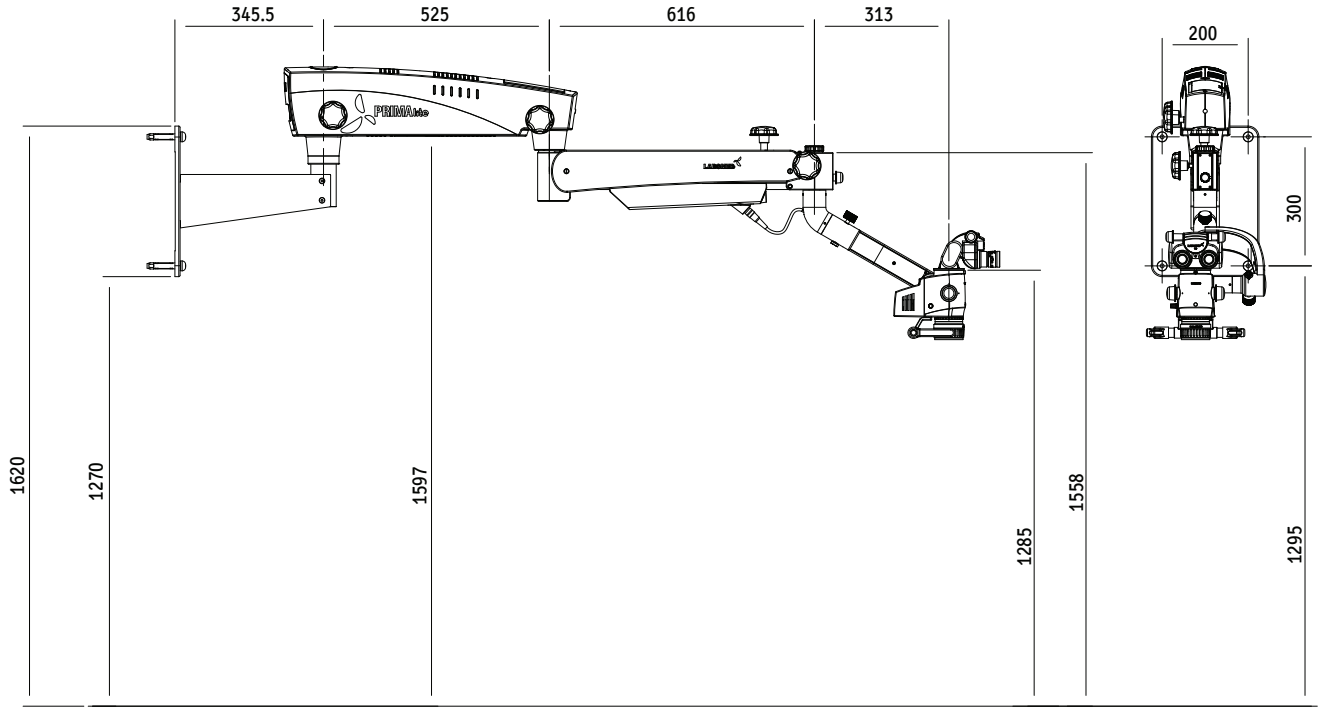
FLOOR MOUNT





CEILING MOUNT

WALL MOUNT



DESCRIPTION	CONFIGURATION	CATALOG NO
PRIMA lite	Floor Mount	6181501
PRIMA lite	Wall Mount	6181502
PRIMA lite	Ceiling Mount	6181503

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LABOMED

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6181000-796 1.0 010224
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