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PRIMA μ

SURGICAL MICROSCOPE



LABOMED®

ideas for vision

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HIGH PERFORMANCE FOR SMALLER BUDGETS



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LABOMED®

PRIMA Mμ

The LABOMED® Prima Mu microscope was designed to address a variety of needs in clinical environments, thanks to a highly modular form factor with the very best in optical, illumination, and mechanical engineering.

A well corrected apochromatic optical system coated with proprietary MaxLite™ coatings mean physicians see images of the highest color fidelity with virtually no chromatic or spherical aberration.

An efficient LED light source provides well over 75,000 lux, with an estimated run time of 50,000 hours. A highly fluid mechanical design provides for smooth and accurate microscope positioning.

What does this all mean? A lifetime of delightful, hassle-free use.



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AN ALL-IN-ONE SOLUTION

DENTAL



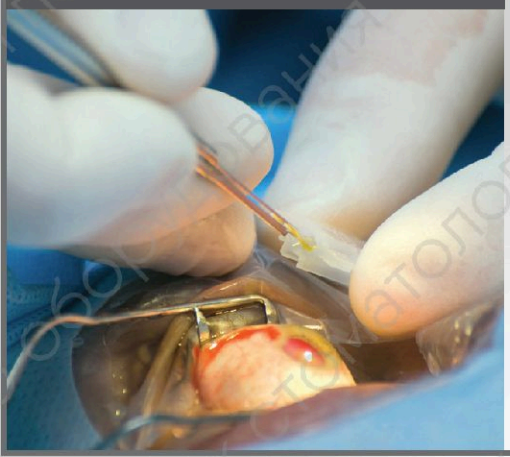
The PRIMA Mμ can be configured for dental surgery using a high performance, tilting observation head and the *NuVar™* CMO with variable focal length from 300mm to 400mm. This ergonomic arrangement facilitates superb imaging and a comfortable working posture suitable for dental procedures.

ENT



With a straight observation head and optional motorized fine focus system, the PRIMA Mμ provides operating comfort and unparalleled benefits in ENT surgeries. A host of accessories such as cameras, beam splitters, and camera adapters enable high quality documentation.

OPH



The PRIMA Mμ provides unmatched performance through an efficient LED illumination system and an apochromatic magnification changer. A brilliant Red-Reflex optical arrangement promotes better quality and greater reliability during ophthalmic procedures.

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LABOMED

- 0-210 ° tilting ergonomic observation head
- 3-step magnification changer
- Wide field 10X eyepieces with lockable diopter
- Dental carrier
- CMO: Fixed or *NuVar™* (F300 - 400) with protector lens.
- Shadow-free illumination
- Swing-in filter



- Straight observation head – f/170 mm
- 3-step magnification changer
- Wide field 10X eyepieces with lockable diopter
- Fixed CMO with fine focus control
- Optional motorized z-axis drive
- Shadow-free illumination
- Swing-in filter



- 45 ° inclined or 0-210 ° tilting ergonomic observation head
- 3-step magnification changer
- Wide field 10X eyepieces with lockable diopter
- Focus with motorized z-axis drive
- Red Reflex illumination
- Swing-in filter



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PERFECT VISUALIZATION – CLEAR DOCUMENTATION



LABOMED proprietary *MaxLite™* coating technology highlights the latest advancements in optical surface treatment yielding *No-Glare* images with true-to-life colors and contrast.

The NuVar variable focus objective enables users to select the ideal working distance based on procedure requirements. NuVar provides fluid adjustment of focal length from 300mm to 400mm.

To address digital documentation needs, a host of adapters, beam splitters, cameras from the LABOMED *ProLine* series are available. In addition, the LABOMED iVu multi-functional imaging module is available for plug-and-play needs in training centers.


DSLR Adapter


NuVar


iVu S5

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With an arm design that has a lower center of gravity, the PRIMA Mu promises superior balance and near vibration-free viewing at all magnifications, making it a smart choice for space-constrained environments.

A range of mounting options are available, including a compact floor stand on a lockable base, wall mount, ceiling mount, and table mount.

The LABOMED *ProLine* offers video and intermediary accessories, including beam splitters, a complete range of camera adapters, as well as the LABOMED iVu in-line camera solution for documentation needs.

A carefully designed illumination system means a true-to-day color temperature of 3700K. This no-heat system is practically maintenance free with over 50,000 hours of working life.



Wall Mount

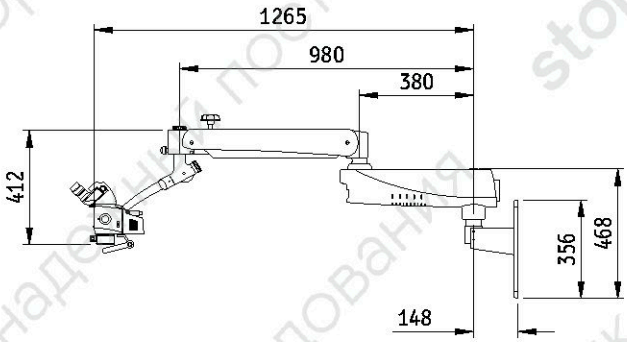
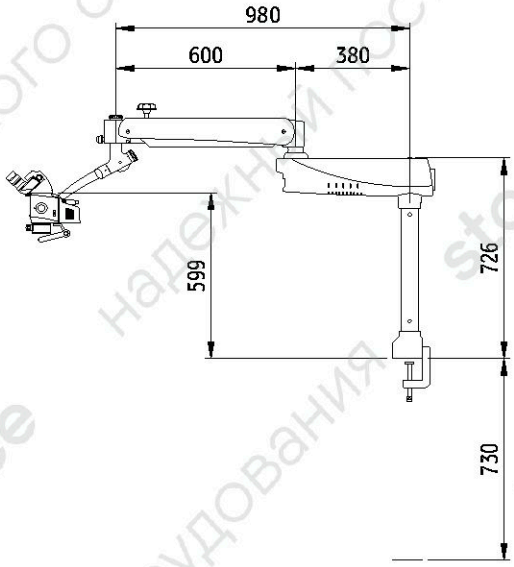
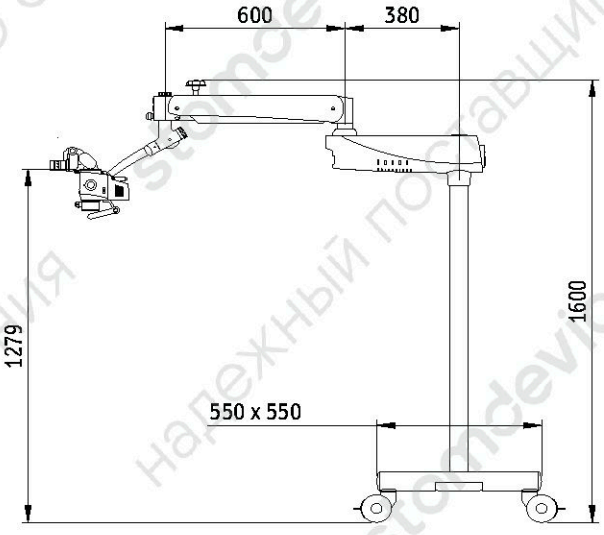


Table Mount



Floor Mount



All dimensions in mm

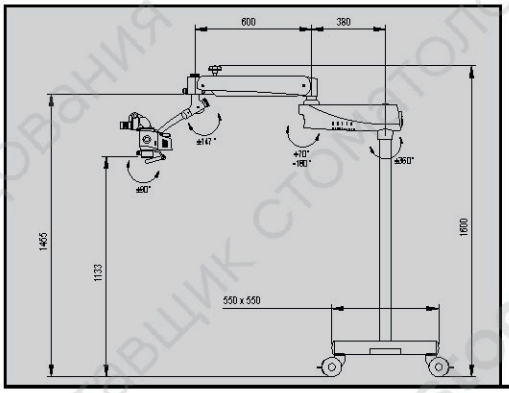
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PRIMA MU

SPECIFICATIONS

Binocular Tubes	45° inclined (standard) / 0-210° inclinable, straight head (optional)
Eyepieces	WF 10X/18 mm with eye guards, lockable diopter adjustment ± 5 mm Optional: WF 12.5X/18 mm
Apochromatic Magnichanger	0.6X, 1.0X, 1.6X
Objective	f-250 mm(standard) Options: *NuVar* with focal length adjustment 300-400 mm; f-300 mm or f-400 mm with manual fine focus; f-200 mm fixed objective; objective lens protector
Light Source	27W LED / 75k lux
Built-in Filters	Green / Yellow
Vertical Movement of Arm	500 mm with power saver light cut-off at park position
Microscope Carrier Movement	± 155°
Optional Accessories	Beam splitter straight/inclined Rotoplate and/or Extender Camera adapters for Canon/Nikon/Sony systems *iVu* S5 5MP integrated digital camera module with on-device capture button and SD card; USB v2.0 and HDMI ports Motorized Z-axis with foot pedal



All dimensions in mm

DESCRIPTION	CONFIGURATION	CATALOG NO.
Prima Mμ	Dental	6211000
Prima Mμ	ENT	6212000
Prima Mμ	ENT (Motorized)	6213000
Prima Mμ	Ophthalmic	6214000

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LABOMED

Distributor

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With a policy of continuous development, Labo America, Inc. reserves the right to change design and specifications without prior notice.

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