

PRIMA M μ

OPERATING SURGICAL MICROSCOPE



TOP PERFORMANCE BUILT FOR SMALL BUDGET



PRIMA M μ

With a vast experience in optical devices, LABOMED provides innovative and high performance microscopy solutions for medical professionals worldwide. PRIMA M μ , the latest offering from LABOMED is designed to add value to start up practices.

At the heart of Prima M μ performance is LABOMED design and manufacturing capabilities in microscopy. Built to provide exceptional performance in diagnostic screening and surgeries, Prima M μ gives unparalleled value for your money.

Prima M μ is a perfect blend of ergonomics, design, performance and economy. Outstanding optics, efficient LED illumination system and a fluid mechanical arrangement integrated in its compact design provides optimum performance and reliability time after time.



VERSATILITY AND PERFORMANCE – ALL IN ONE

DENTAL



PRIMA M μ is configurable for Dental surgeries utilizing a high performance tiltable observation head and NuVar™ CMO with its focal length variable from 300mm to 400mm. This ergonomic arrangement facilitates superb imaging and comfortable working posture most suitable for Dental procedures.

ENT



Combined with straight observation head and an optional motorized fine focus system, PRIMA M μ provides operating comfort to deliver unparalleled benefits in ENT surgeries. A host of accessories such as beam splitters, camera adapters and cameras allow high quality diagnostic and surgery images.

OPH



PRIMA M μ provides an unmatched performance through the benefits of optimized LED illumination system and an apochromatic magnification changer. With its brilliant *Red-Reflex* arrangement, ophthalmic surgeries have never before experienced such high definition images leading to best results.

0-210 ° inclinable ergo observation head.
 3-step magnification changer.
 Wide Field -10X Eyepieces with dioptic adjustment.
 Dental Microscope carrier.
 CMO – f/250 *oNuVar™* f/300 to 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 dioptic adjustment.
 Fine Focus on focus adjust knob on CMO.
 Optional Motorized z-axis drive.
 Shadow Free illumination.
 Swing in filter.



45 ° inclined or 0-210 ° inclinable ergo observation head.
 3-step magnification changer.
 Wide Field -10X Eyepieces with dioptic adjustment.
 Focus with Motorized z-axis drive.
 Red Reflex illumination.
 Swing in filter.



PERFECT VISUALIZATION – CLEAR DOCUMENTATION



LABOMED's 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 LABOMED series are available. In addition, LABOMED's iVu multi-functional imaging module is available for plug and play needs in training centers.



With its lower center of gravity stand for perfect balance and vibration free viewing, PRIMA M μ is ideal for space-constrained practices. Compact floor stand, wall mounts and table mounting options are available. PRIMA μ can be configured for every need of yours to provide best convenience and results.

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

A carefully selected LED and condenser optics provide a color temperature of 3700K. This No-Heat system is practically maintenance free with 50,000 hours of working life.



Wall Mount

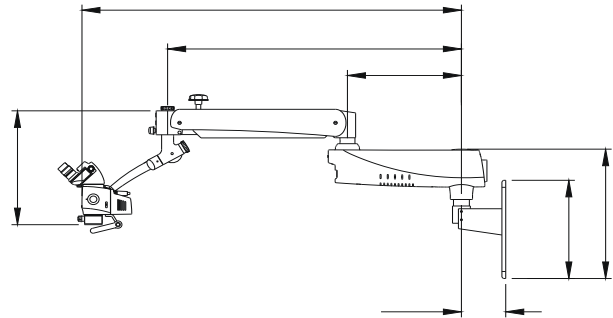
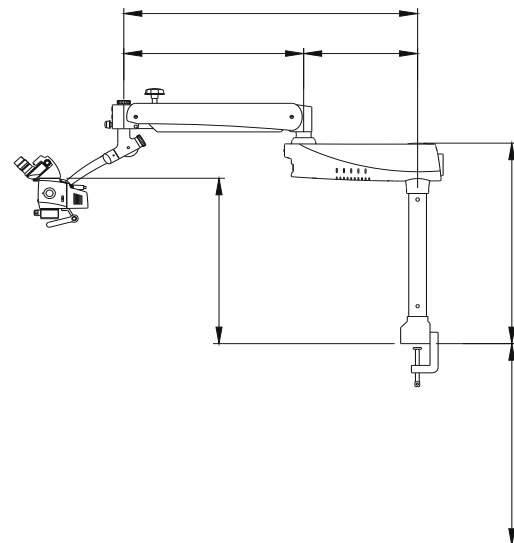
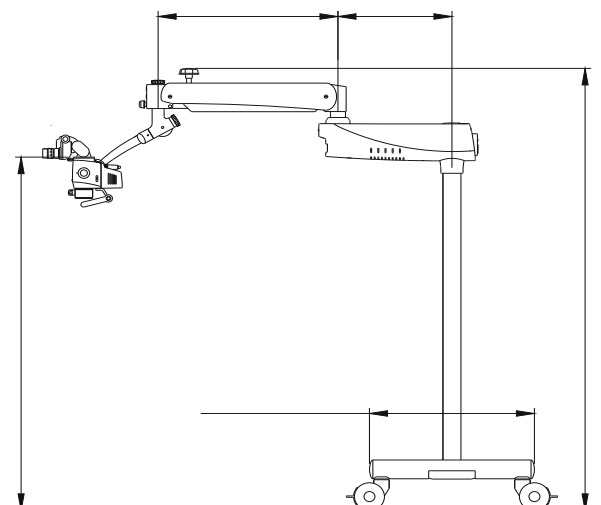


Table Mount



Floor Mount

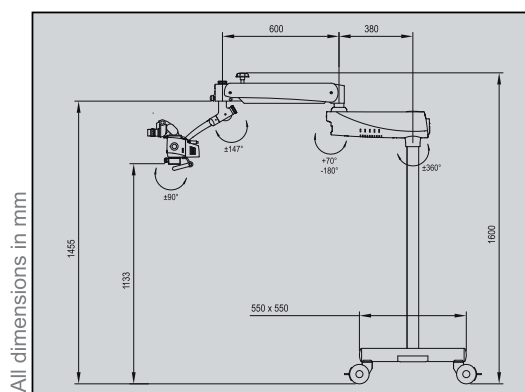


All dimensions in mm

PRIMA M_μ

Binocular tubes	0-210° straight, 45° inclined and straight head
Eyepieces	WF 10X/18 mm with eye guards, diopter adjustment ± 5 mm
	Optional: WF 12.5X/18 mm
Apochromatic magnichanger	0.6X, 1.0X, 1.6X
Objective	<i>NuVar</i> system which provides continuous focal length adjustment from 300-400 mm
	Options: f-250 mm; f-300 mm; f-400 mm; manual fine focus, f-200 mm (fixed objective lens, objective lens protector)
Light source	27W LED
Built-in filters	Green and Yellow
Vertical movement of arm	± 250 (500 mm)
Microscope carriers	± 155°
Optional accessories	Beam splitter straight/inclined
	Rotoplate and/or Extender
	<i>ProLiner</i> range of camera adapters
	<i>iVu</i> S5 5MP integrated digital camera module with on-device capture button and SD card; USB v2.0 and HDMI (1080p) ports
	Motorized Z- axis with foot switch

SPECIFICATIONS



All dimensions in mm

DESCRIPTION	CONFIGURATION	CATALOG NO
Prima M _μ	Dental	6211000
Prima M _μ	ENT	6212000
Prima M _μ	ENT Z axis	6213000
Prima M _μ	OPH	



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