

ODONTOLOGY



LABOMED[®] 
ideas for vision



BUDGET FAVORITE

PRIMA M μ DNT

Illumination
75.000 Lux

Magnichanger
3 step: 0.6x, 1.0x and 1.6x

Objective
CMO 250 mm



SUPER ALL-ROUNDER

PRIMA lite

Illumination
100.000 Lux

Magnichanger
5 step: 0.4x, 0.6x, 1.0x, 1.6x and 2.5x

Objective
CMO 250 mm



SUPREME CHOICE

PRIMA pro

Illumination
200.000 Lux

Magnichanger
6 step: 0.3x, 0.5x, 0.8x 1.3x, 2.0x and 3.0x

Objective
NuVar™ 10



STATE OF THE ART

Magna

Illumination
105.000 Lux

Magnichanger
Stepless zoom: 0.4x - 2.5x

Objective
NuVar™ 10

BUDGET FAVORITE

Designed to address a variety of needs in clinical environments and to be used in space constrained areas. Superior balance and vibration free viewing at all magnifications.

- Microscope carrier with 155° movement, ergonomic handgrips
- Ergo head 0-210° tiltable
- WF 10X/18 mm eyepieces with eye guards
- 3-step magnichanger: 0.6x, 1.0x and 1.6x
- Illumination: 75.000 Lux, 27W LED, 50.0000 hour lifespan

LABOMED PRIMA lite MICROSCOPE

SUPER ALL-ROUNDER

Discover dental anatomy with clarity through Labomed MaxLite optics. PRIMA lite's compact design and built-in LED illumination ensure easy use in tight clinical spaces, boasting one of the smallest and lightest footprints in the industry.

- Microscope carrier with fluent movements, tension adjustable
- Ergo head 0-210° tiltable
- WF 10X/18 mm with eye guards and dioptr adjustment ± 7 , with lock
- 5-step magnichanger: 0.4x, 0.6x, 1.0x, 1.6x and 2.5x
- Magnifies in standard configuration from 2.7x up to 17.0x





SUPREME CHOICE

Designed for perfect image clarity, fluid movement and overall balance. Equipped with ABA (Automatic Balancing Arm) with electromagnetic release for smooth and drift free positioning.

For true-to-life sharp images with high depth definition and contrast.

- Yellow, green, blue & TrueLux filter
- Adjustable LED illumination
200.000 Lux @ CMO 200 mm
- Left and right handle with
ABA release button
- NuVar 10 objective WD 200 - 300 mm



STATE OF THE ART

Stepless zoom and electromagnetic balancing arm, for 360° freedom in positioning, brought together in a highly efficient design.

Equipped with ABA (Automatic Balancing Arm) with electromagnetic release for smooth and drift free positioning.

- Stepless zoom system
- Ergonomic precision
- ABA with brake-controlled articulation
- Ergo head 0-210° tiltable, with roto plate, DBSi, double iris and DSLR adapter with focusing

LABOMED NuVar OBJECTIVES

NuVar, adjustable working distance from 200 mm to 270, 300 or 400 mm

These objectives provide fluid adjustment of the working distance over several centimeters.



NuVar lens protector 7 & 10

For PRIMA and Magna



NuVar lens protector 20

For PRIMA and Magna

Protect NuVar 7, 10 and 20 from splashes, dust and scratches. Each objective comes with its own lens protector.



from 200 mm

to 270 mm

NuVar 7

Only for Prima M μ DNT



from 200 mm

to 300 mm

NuVar 10

For Prima M μ DNT and Magna



from 200 mm

to 400 mm

NuVar 20

Only for Magna



from 200 mm

to 270 mm

NuVar 7

Only for PRIMA lite



from 200 mm

to 300 mm

NuVar 10

For PRIMA lite and PRIMA pro



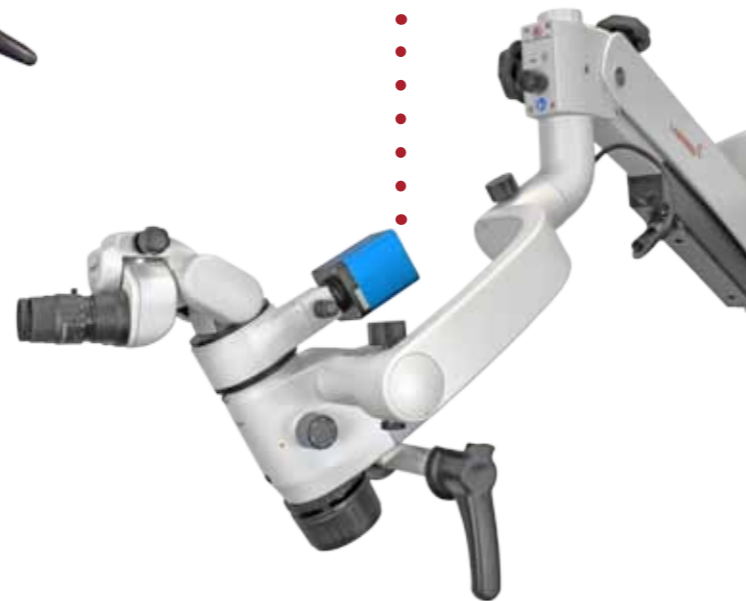
from 200 mm

to 400 mm

NuVar 20

Only for PRIMA pro

Various combinations with cameras and beam splitters possible. Ask for the options and applications.







Foot pedal for 4K camera



LEFT foot pedal captures pictures.

RIGHT foot pedal starts & stops recording.

SUMMARY OF TECHNICAL SPECIFICATIONS

| General specifications | PRIMA M μ | PRIMA lite | PRIMA pro | MAGNA |
|--|---|--|---|---|
| Observation Tubes <i>Ergonomic binocular tubes, 0°-210° tiltable</i> | √ | √ | √ | √ |
| IPD in mm | 55-75 | 49-78 | 49-78 | 50-75 |
| Eyepieces <i>WF 10x/18 mm</i> | √ | √ | √ | √ Resolution markup to assist in diopter adjustment |
| Dioptre adjustment | ± 5 | ± 7 with lock | ± 7 with lock | ± 5 with lock |
| Magnichanger | 3 step 0.6x up to 1.6x | 5 step 0.4x up to 2.5x | 6 step 0.3x up to 3.0x | Stepless zoom 0.4x up to 2.5x |
| Objective | CMO 250 mm | CMO 250 mm | NuVar™ 10 | NuVar™ 10 |
| LED Light Source in Watt | 27 | 27 | 50 | 50 |
| Lux [×1000] | 75 | 100 | 200 | 105 |
| Maximum Wattage | 60 | 60 | 200 | 200 |
| Built-in Filters |  |  |  |  |
| Microscope Carriers | 155° carrier | 120° carrier with fluent movement | 360° ABA | ABA with electromagnetic release, drift-free positioning |



All Labomed dental microscopes can be supplied with a movable floor stand, wall or ceiling mount. There is also the option for a fixed floor stand or to mount the microscope to the dental unit. Please inquire about the available options.

All Labomed medical microscopes are equipped with apochromatic lenses. All optical parts are provided with a multilayer MaxLite coating. This coating not only offers protection against mechanical impact but also ensures that a true-to-life image is transmitted. MaxLite has excellent anti-fog and anti-fungal properties.



LABOMED 

Labomed Europe b.v.
Essebaan 50
2908 LK Capelle aan den IJssel
THE NETHERLANDS

+31 (0)10 45 842 22 | info@labomedeuropa.com | www.labomedeuropa.com