

DECILUS

Advanced & Standard
Surgical Microscope · DFVasconcellos

The microscope Decius, manufactured by DFVasconcellos, comply with the high quality standards of different medical specialties. Its optical system allow you to visualize the minimum details, improving even more quality of medical exams and treatments.



DFVASCONCELLOS

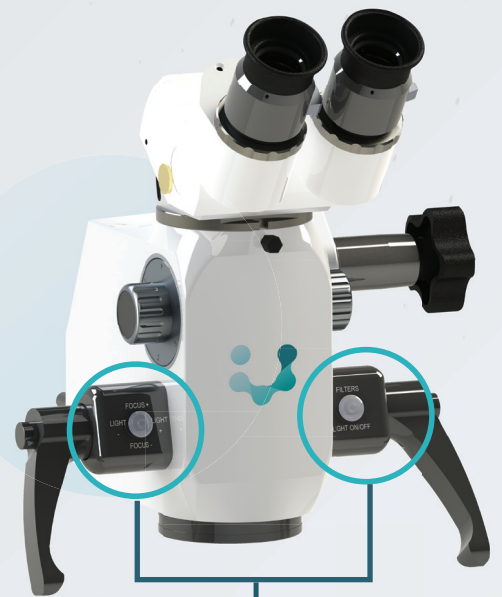
DECIUS

Advanced

The oblique illumination system developed for the DECIUS ADVANCED Microscope, makes it possible to external transmission of LED illumination, generating an excellent image clarity and depth of field of the field observed.

LED illumination intensity **control** generates the appropriate light intensity to the medical procedures with excellence clarity and it ensures that the doctor will get the job done with fidelity.

Through a **multitasking** joystick the doctor can ensure full control of the procedures in the palm of your hand.



MULTITASKING JOYSTICK PANEL CONTROL

- ▶ ON/OFF
- ▶ Filter switcher
- ▶ Motorized variofocus
- ▶ Orange and Cobalt blue filter

ACCESSORIES

ERGONOMIC

The ergonomic accessories were designed so that the professional has a natural and comfortable posture, allowing more concentration, less tension and less fatigue during the procedures performed.



Extender binocular



Extender beam splitter



Rotoplate



Tilttable binocular 0-180°



The Balancing arm DFV feature brings the best in ergonomics and practicality. The modern balancing arm system, guarantees a fine and smooth positioning in all movements without the need for lock button (manual brakes). This guarantees greater freedom and less effort during dental procedures.

It is highly versatile, as it has a flexible articulation system, making it adaptable to all your needs.

Its modern structure has a design that provides more comfortable ergonomics, reducing tension and fatigue, maintaining proper posture regardless of the patient's position.

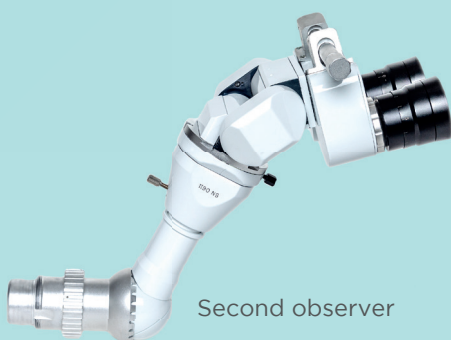
MANUAL FUNCTIONS

- ▶ On/Off power switch
- ▶ LED illumination system with dimmer that control the intensity of light
- ▶ Orange and blue filter
- ▶ Microfocalization system with fine focusing adjustment through objective lens



SECOND ASSISTANT

the observer accessory auxiliary is totally independent and does not require dedicated lighting for its operation, in addition to save time and increase efficiency during the surgical procedures.



Second observer

CAMERA SYSTEM ACCESSORIES

DFVasconcellos offers a wide range of accessories for capturing images, allowing the surgeon to present to colleagues an interesting case, document a case procedure to exhibit at a congress or show your patient the procedure performed. In addition, it is capable of sending images or videos to a network or external storage for safety.

One output



Two outputs



Beam splitter 50/50



SLR Camera adapter

Remote control



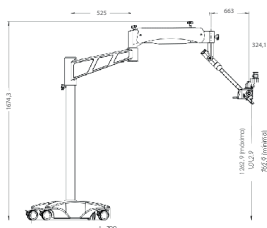
DFV full HD camera Adapter*

*Picture of DFV FULL HD Camera

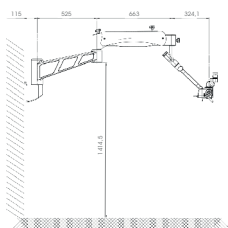


TECHNICAL SPECIFICATIONS

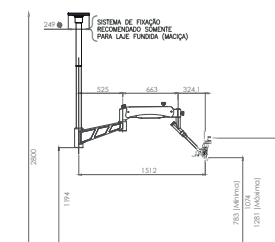
	DECIUS Standard	DECIUS Advanced
	MAGNIFICATION	
Increase selection	Magnification changer	Magnification changer
Objective lens	250mm	200 a 300mm (vario focus)
Total increase	3x, 5x, 8x, 13x and 20x	3x, 5x, 8x, 13x and 20x
Observation field	65, 42, 25, 15 and 10mm	14 and 90mm
Fine focusing	Manual	Motorized via joystick
	BASE	
Base	Caster base	Caster base
Maximum arm extension	1500mm	1500mm
Course vertical arm	500mm	500mm
Base size	780mm	780mm
	ILLUMINATION	
Light source	LED until 100.000 lux	LED until 100.000 lux
Observation field	85mm	80mm a 100mm
Intensity control	Through adjustment knob	Joystick
Built-in filters	Orange and blue cobalt - manual control	Orange and blue cobalt - Adjust through joystick
	BINOCULAR	
Eyepieces	12,5 x (optional 10x)	12,5 x (optional 10x)
Binocular	Tiltable 0 - 60°, optional 180°	Tiltable 0 - 60°, optional 180°
IPD (Interpupilar distance)	55mm to 75mm	55mm to 75mm
	OTHERS	
Weight	85kg	85kg
Power consumption	19W / 0,019 KWh	19W / 0,019 KWh
Power supply	90 to 305 VAC 50/60Hz	90 to 305 VAC 50/60Hz
	OPTIONAL	
Image capture	Possibility to add SLR cameras (Nikon and Canon) oe Full HD	Possibility to add SLR cameras (Nikon and Canon) oe Full HD
Beam splitter	2 outputs - 50%/50%	2 outputs - 50%/50%
Monitor support	For 22" screen	For 22" screen



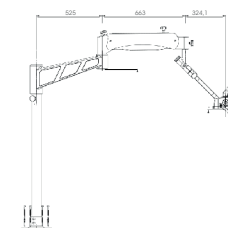
Caster base



Wall mount



Ceiling mount

Floor mount
(fixed)

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