



UM 620 BD

Upright Material Science Microscope



Model	UM 620 BD
Optical system	CCIS
Total magnification	50x - 100x - 200x - 500x
Eyepiece	WF 10x (ø22mm)
Plan achromatic objectives long working distance	PL L 5x/0.15BD WD=11mm (for DIC observation)
	PL L 10x/0.30BD WD=9.50mm (for DIC observation)
	PL L 20x/0.45BD WD=3.40mm (for DIC observation)
	PL L 50x/0.55BD WD=7.50mm
Head	Trinocular
	Inclination of 25°
	Interpupillary distance 55mm-75mm
	Diopter adjustable ±5
Nosepiece	Quintuple back ball bearing inner locating
Stage	Mechanical stage overall size 455x240mm, glass insert size 100x100mm
	Coaxial motion 158x158mm
Focusing System	Coaxial coarse/fine focus system, minimum division of fine focusing 1µm
	Tensional adjustable with upper stop
Reflected illumination	Illumination with integrated field diaphragm and aperture diaphragm
	5W LED lamp, brightness control
Transmitted illumination	Condenser N.A. 0.5
	Illumination with integrated Iris field diaphragm and aperture
Polarization	5W LED lamp, brightness control
	Internal polarizer
Analyzer	360° rotatable analyzer
Contrast techniques	Brightfield: Yes
	Darkfield: Yes
	DIC: Not available
	POL Contrast: Yes
Power supply	230V ±10% - 50/60Hz -1Ph - 30W
Dimensions	523x465x471mm
Weight	23kg

Optional accessories

Model	Description
UM E-600-01	Eyepiece H WF 15x (ø16mm)
UM E-600-02	Eyepiece H WF 10x (ø23mm)
UM O-600-21	Long working distance objective PL L 100x/0.80BD WD=2.10mm
UM F-600-61	Green filter for reflected light
UM F-600-62	Red filter for reflected light
UM F-600-63	Blue filter for reflected light
UM F-600-64	White balance filter for reflected light
UM CA-600-91	Camera adapter 0.5x
UM CA-600-92	Camera adapter 1x

## UM 610 BD

## Upright Material Science Microscope



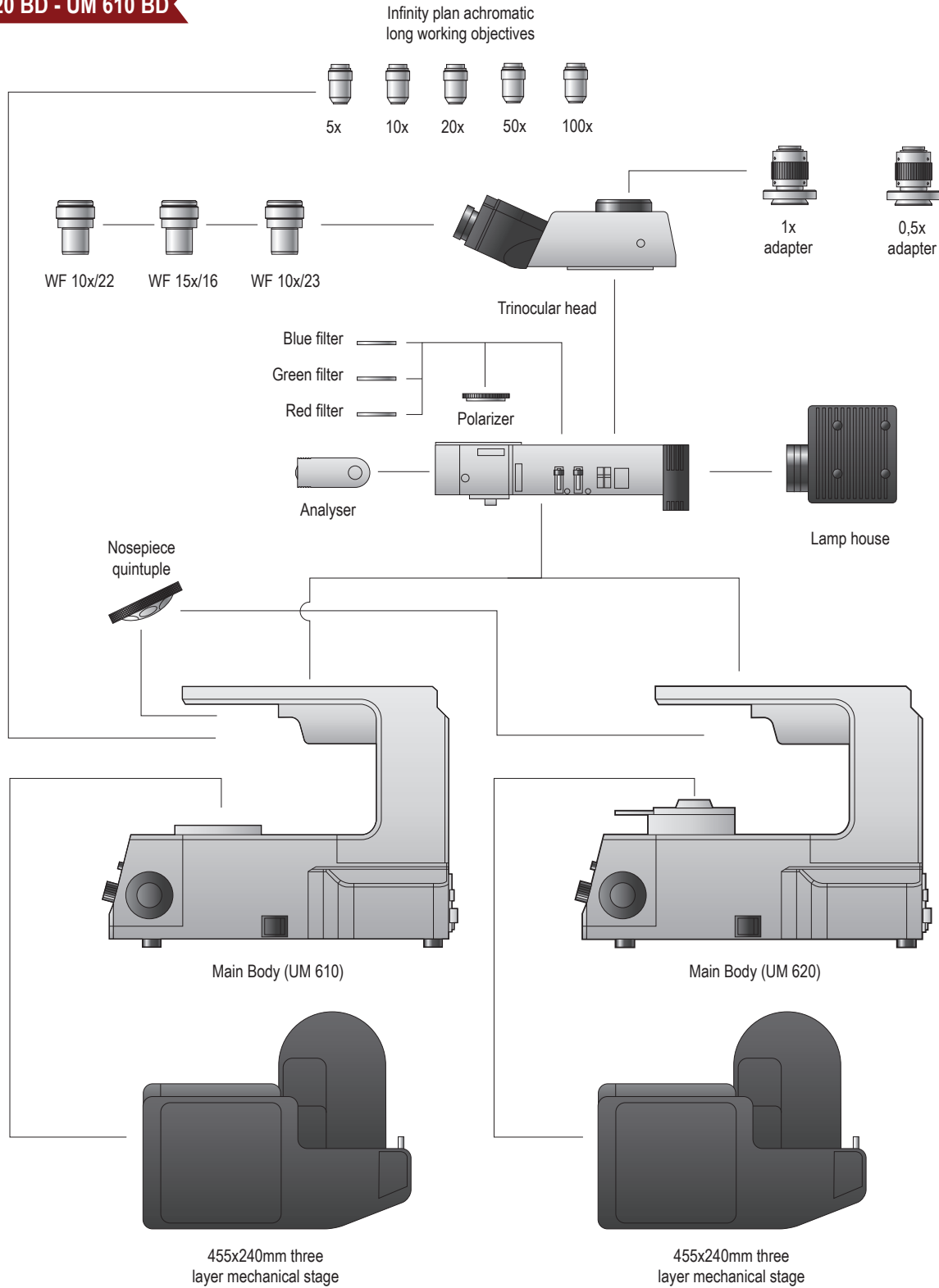
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COMPONENTS DIAGRAM

UM 620 BD - UM 610 BD





**DEVCO S.r.l.**

Via Marzabotto, 59 20037 Paderno Dugnano (MI)  
Tel +39 0283591153 - Fax. +39 0295441300  
[www.devcosrl.it](http://www.devcosrl.it) - e-mail: [info@devcosrl.it](mailto:info@devcosrl.it)

[www.echo-lab.it](http://www.echo-lab.it)