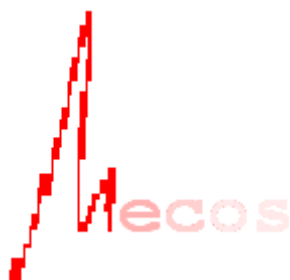


**MECOS-C3 combine
Platform specification**

Microscopy Platform			
Platform ID	1 M-9	1/ 4 /8 O-9	50 /200 O-9
Equipment	Microscope; digital camera; motorized stage and focus	Microscope; digital camera; motorized: stage, focus, lens turret, oiler (optional), condenser (optional)	Microscope; digital camera; motorized: stage, focus, lens turret, oiler (optional), condenser (optional), glass loader
Microscopy method	Passing light; reflected light (optional)		
Loading of glasses 1x3"	1	1/4/8	50/200
Loading of glasses 2x3", 3x3", optional	1	-	-
Lens change	Manual	Automaton	
Condenser setting	Manual	Automation, optional	
Immersion oil	Manual	Automaton, optional	
Move and focusing the specimen	Automatic/interactive		
Resolution	Of the μm of the specimen per pixel of shooting - the aperture of the lens: 0.45-0.25; 0.23-0.75; 0.2-0.85 (option); 0.17-1.0 (option) 0.14-1.25 (option)		
Shooting	Setting up according to the conditions of the specimen, color automatic/interactive		
Control module			
Equipment	System unit with hardware support for neural network and database; Pre-installed software of the combine and the techniques specified in the Product Passport; microscopy platform controller; monitor 27" 2560*1440; interactive software controls; security key; barcode scanner		
Slide identification	Interactive / barcode scanner on slide		
Automatic microscopy	Execution of operations of the analysis technique with autonomous maintenance of the batch of loaded slides, with fixation of digital images of specimens (SDI) and the results of the SDI technique analyzers in the technique Database (DB)		
Types of SDIs	2 or 3-dimensional panorama (virtual slide) of the scanning area (2D VS / 3D VS); Gallery of frames of shooting (GFS); Gallery of objects of analysis (GOA)		
Database	DB up to 1000000 analyzes; selection of results in the DB with visualization on the monitor by slide identifiers, dates, viewing order, the ability to divide and rearrange by request; archiving to external media		
Export formats	MECOS for all types of SDI; MECOS / SVS / DZI / JPEG2000 for VS		
Exchange channels, optional	With Remote Access Server http://mecosvirt.ru and MecosMonitor maintenance server; Channels of connection of LIS and automatic analyzers of the customer		
Interactive microscopy	With brightness adjustment, with movement and focusing of the field of view on the monitor, with fixation of the fields of view in the DB as GFS		



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 ISO 13485-2017 GMP



1 M-9 platform



8 O-9 platform



200 O-9 platform

