

Scan4000 Technical Specification

	Scan[®] 4000
Reference	438 000
Camera	HD CCD colour camera
Digital zoom	x 64
Resolution	5 megapixels
Counting time	1000 colonies per second
Minimum size of colony	0.05 mm
Lighting technology	White LED dome
Lighting system	Automatic: 6 combinations, top and/or bottom light white or black background
Counting	Automatic with manual control
Counting on Petri dishes	Square and round Petri dishes Boites de Petri 55-150 mm
Counting on pour, surface, Spiral [®] and circle plated dishes	✓
Counting on chromogenic dishes	✓
Inhibition zone measurement	✓
Counting on PetriFilm [™]	✓
Counting on RIDA [™] Count	✓
Counting on Compact Dry [™]	✓
Counting on filtration membranes	✓
Results / data export	Re-countable Scan [®] file, PDF report, JPEG, PNG, BMP, Excel [™]
Color detection	7 colours on the same dish
LIMS/SIL connection	✓
USB connection	✓
Languages	English, French, Japanese, Chinese, Russian, Spanish
Dimensions (w x d x h)	47 x 47 x 64 cm
Weight	24.4 kg
Power	100-240 V 50/60 Hz
Processor	(Quad core recommended) Intel i5 or i7 or AMD FX 6000 or superior
Operating systems	Windows [™] 7 Service Pack 1 or Windows [™] 8 or ulterior

	Scan[®] 4000
Frequency	2.4 Ghz or superior
RAM	3 Go
Graphic card	AMD or NVIDIA (chipsets are not recommended)
Equipment	CD-ROM reader, USB port 2.0 minimum
Screen	1280 X 1024 pixels and more
Computer	Desktop computer recommended
Hardware	All stainless steel
Software update (after registration)	3 years
Guarantee (after registration)	3 years

Delivered with : Scan[®] software CD-ROM / connection cables / 3 control dishes / user's manual / quick user guide

Comparison with other models of the range					
	Scan[®] 300	Scan[®] 500	Scan[®] 1200	Scan[®] 4000	
Reference	436 300	436 000	437 000	438 000	
Camera	CCD colour camera	CMOS colour camera	HD CCD colour camera	Ultra HD CCD colour camera	
Digital zoom	x 28			x 64	
Resolution	1 megapixels		1.2 megapixels	5 megapixels	
Counting time	1000 colonies per second				
Colony minimum size	0.1 mm		0.05 mm		
Lighting	Long-lasting white LEDs / Dark Field			White Dome LED	
Lighting system	Automatic: 6 combinations, top and/or bottom light white or black background				
Counting	Automatic with manual control				
Counting on Petri dishes	55-90 mm			Round and square Petri dishes	
Counting on pour, surface, Spiral [®] and circle plated dishes				✓	
Counting on chromogenic dishes	-				✓
Inhibition zone measurement	-				✓
Counting on PetriFilm [™]	-				✓
Counting on RIDA [™] Count	-				✓
Counting on Compact Dry [™]	-				✓

Comparison with other models of the range				
	Scan [®] 300	Scan [®] 500	Scan [®] 1200	Scan [®] 4000
Counting on filtration membranes	-		✓	
Results / data export	Re-countable Scan [®] file, PDF report, JPEG, PNG, BMP, Excel [™]			
Color detection	-	7 colours on the same dish		
LIMS/SIL connection	✓			
USB connection	✓			
Languages	English, French, Japanese, Chinese, Russian, Spanish			
Dimensions (l x p x h)	27 x 27 x 29 cm	27 x 27 x 38 cm	47 x 47 x 64 cm	
Weight	6,6 kg	8.7 kg	24.4 kg	
Power	100-240 V 50/60 Hz			
Processor	Intel Core i3, i5 or i7 or AMD FX series 8000 or superior		(Quad-core recommended) Intel i5 or i7 or AMD FX 6000 or superior	
Operating system	Windows [™] 7 Service Pack 1 or Windows [™] 8 or ulterior			
Frequency	2,5 Ghz or superior		2,4 Ghz or superior	
RAM	3 Go ou superior			
Graphic card	AMD or NVIDIA (chipsets not recommended)			
Equipment	CD-ROM port, USB port 2.0 minimum			
Screen	1280 X 1024 pixels and more			
Computer	Desktop recommended			
Hardware	All stainless steel			
Software update (after registration)	3 years			
Guarantee (after registration)	3 years			

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