TB100513 tables *(page 1 to page 8)*

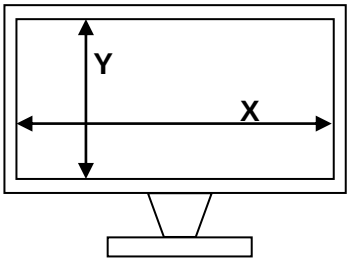
Field of view of the objectives for 2034 Video microscope (NO ROLL)

*(**only video** with coaxial light, reflected light by Pen Light)*

Magnification referred to a 15,5" monitor

It means, if you take a ruler and put it on your monitor on the object to be measured, that you known real measures, you can calculate the effective field of view that is obtained with "objective-monitor" used.

Ex.: 100mm on your monitor of an object with real measure of 2mm it means that, the objective enlarge the image of 50 times and in this case you are using the objective D-50.



The field of view that is obtained with a specific objective is always the same on any monitor, it changes only the size of the objects showed on various monitor

Objective lens magnetic attack	*Code*	*1.3 Mpx CCD 1/3"*		*5 Mpx CCD 1/2,5"*	
		Magnification	*Field of view (mm)*	*Magnification*	*Field of view (mm)*
* **25**	***0025-00PL 34-540M***	-	-	-	-
* **30**	***0030-00PL 34-540M***	32X	10.1x5.64	28X	11.7x6.54
* **40**	***0040-00PL 34-540M***	-	-	-	-
* **50**	***0050-00PL 34-540M***	52X	6.1x3.41	45X	7.2x4,02
* **75**	***0075-00PL 34-540M***	78X	4.2x2.35	65X	4.8x2,68
* **100**	***0100-00PL 34-540M***	105X	3.1x1.73	85X	3.6x2,01
* **150**	***0150-00PL 34-540M***	170X	1.9x1.06	140X	2.2x1,23
200	***0200-CLPL 34-540M***	-	-	-	-
320	***0320-CLPL 34-540M***	340X	0.9x0.5	290X	1.1x0,61
475	***0475-CLPL 34-540M***	490X	0.65x0,36	420X	0.75x0,42
750	***0750-CLPL 34-540M***	875X	0.4x0.22	750X	0.45x0,25
1100	***1100-CLPL 34-540M***	1230X	0.26x0.15	1050X	0.3x0,17
1500	***1500-CLPL 34-540M***	1760X	0.17x0.09	1500X	0.2x0,11
2350	***2350-CLPL 34-540M***	2575X	0.11x0.06	2200X	0.13x0,07

(*): ***Only using with pen light.***

NB: For design reasons (mechanical and optical) the magnification values reported in table could change about of ±10%.

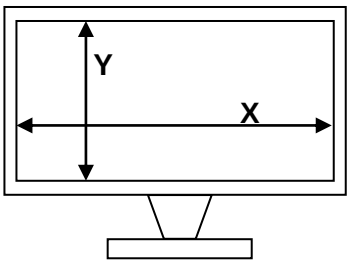
Field of view of the objectives for 2054 Video microscope (NO ROLL)

*(**only video** with coaxial light, reflected by Pen Light)*

Magnification referred to a 15,5" monitor

It means, if you take a ruler and put it on your monitor on the object to be measured, that you known real measures, you can calculate the effective field of view that is obtained with "objective-monitor" used.

Ex.: 100mm on your monitor of an object with real measure of 2mm it means that, the objective enlarge the image of 50 times and in this case you are using the objective D-50.



The field of view that is obtained with a specific objective is always the same on any monitor, it changes only the size of the objects showed on various monitor

Objective lens magnetic attack	*Code*	*1.3 Mpx CCD 1/3"*		*5 Mpx CCD 1/2,5"*	
		Magnification	*Field of view (mm)*	*Magnification*	*Field of view (mm)*
* **25**	***0025-00PL 34-540M***	-	-	35X	9.6x5.36
* **30**	***0030-00PL 34-540M***	-	-	-	-
* **40**	***0040-00PL 34-540M***	40X	8.1x4.4	34X	9,4x5,2
* **50**	***0050-00PL 34-540M***	64X	5.1x2,85	55X	6x3.35
* **75**	***0075-00PL 34-540M***	88X	3.6x2.01	75X	4.2x2.35
* **100**	***0100-00PL 34-540M***	120X	2.8x1.56	100X	3.3x1.84
* **150**	***0150-00PL 34-540M***	185X	1.7x0.95	-	-
200	***0200-CLPL 34-540M***	-	-	-	-
320	***0320-CLPL 34-540M***	375X	0.9x0.5	320X	1x0.56
475	***0475-CLPL 34-540M***	540X	0.6x0.34	460X	0.7x0.39
750	***0750-CLPL 34-540M***	880X	0.35x0.2	750X	0.4x0.22
1100	***1100-CLPL 34-540M***	1290X	0.26x0.15	1100X	0.3x0.17
1500	***1500-CLPL 34-540M***	1760X	0.17x0.09	1500X	0.2x0.11
2350	***2350-CLPL 34-540M***	2600X	0.1x0.06	2200X	0.13x0.07

(*): ***Only using with pen light.***

NB: For design reasons (mechanical and optical) the magnification values reported in table could change about of ±10%.

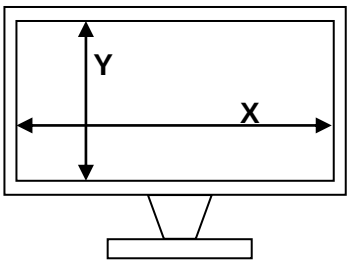
Field of view of the objectives for 2034 ROLL Video microscope

*(**only video** with coaxial light, reflected by Pen Light)*

Magnification referred to a 15,5" monitor

It means, if you take a ruler and put it on your monitor on the object to be measured, that you known real measures, you can calculate the effective field of view that is obtained with "objective-monitor" used.

Ex.: 100mm on your monitor of an object with real measure of 2mm it means that, the objective enlarge the image of 50 times and in this case you are using the objective D-50.



The field of view that is obtained with a specific objective is always the same on any monitor, it changes only the size of the objects showed on various monitor

Objective lens magnetic attack	*Code*	*1.3 Mpx CCD 1/3"*		*5 Mpx CCD 1/2,5"*	
		Magnification	*Field of view (mm)*	*Magnification*	*Field of view (mm)*
* **25**	***0025-00PL 34-540M***	28X	12x6.7	25X	13.7x7.65
* **30**	***0030-00PL 34-540M***	-	-	28X	11.6x6.48
* **40**	***0040-00PL 34-540M***	-	-	-	-
* **50**	***0050-00PL 34-540M***	52X	6.1x3.41	45X	7.2x4,02
* **75**	***0075-00PL 34-540M***	-	-	-	-
* **100**	***0100-00PL 34-540M***	105X	3.1x1.73	85X	3.6x2.01
* **150**	***0150-00PL 34-540M***	-	-	-	-
200	***0200-CLPL 34-540M***	210X	1.5x0.84	180X	1.8x1.01
320	***0320-CLPL 34-540M***	340X	0.9x0.5	290X	1.1x0.61
475	***0475-CLPL 34-540M***	490X	0.65x0.36	420X	0.75x0.42
750	***0750-CLPL 34-540M***	875X	0.4x0.22	750X	0.45x0.25
1100	***1100-CLPL 34-540M***	1230X	0.26x0.15	1050X	0.3x0.17
1500	***1500-CLPL 34-540M***	1760X	0.17x0.09	1500X	0.2x0.11
2350	***2350-CLPL 34-540M***	2575X	0.11x0.06	2200X	0.13x0.07

(*): ***Only using with pen light.***

NB: For design reasons (mechanical and optical) the magnification values reported in table could change about of ±10%.

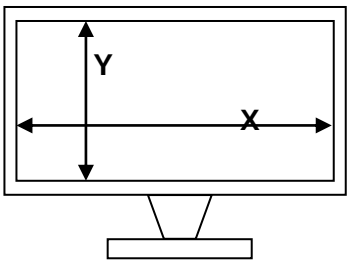
Field of view of the objectives for 2054 ROLL Video microscope

*(**only video** with coaxial light, reflected by Pen Light)*

Magnification referred to a 15,5" monitor

It means, if you take a ruler and put it on your monitor on the object to be measured, that you known real measures, you can calculate the effective field of view that is obtained with "objective-monitor" used.

Ex.: 100mm on your monitor of an object with real measure of 2mm it means that, the objective enlarge the image of 50 times and in this case you are using the objective D-50.



The field of view that is obtained with a specific objective is always the same on any monitor, it changes only the size of the objects showed on various monitor

Objective lens magnetic attack	*Code*	*1.3 Mpx CCD 1/3"*		*5 Mpx CCD 1/2,5"*	
		Magnification	*Field of view (mm)*	*Magnification*	*Field of view (mm)*
* **25**	***0025-00PL 34-540M***	28X	12x6.7	25X	13.8x7.7
* **30**	***0030-00PL 34-540M***	25X	10.2x5.7	28X	11.6x6.4
* **40**	***0040-00PL 34-540M***	-	-	-	-
* **50**	***0050-00PL 34-540M***	52X	6.1x3.41	45X	7.2x4.02
* **75**	***0075-00PL 34-540M***	80X	4.1x2.29	68X	4.8x2.68
* **100**	***0100-00PL 34-540M***	105X	3.1x1.73	90X	3.6x2.01
* **150**	***0150-00PL 34-540M***	170X	1.9x1.06	145X	2.2x1.23
200	***0200-CLPL 34-540M***	210X	1.5x0.84	180X	1.8x1.01
320	***0320-CLPL 34-540M***	340X	0.9x0.5	290X	1.1x0.61
475	***0475-CLPL 34-540M***	490X	0.65x0.36	420X	0.75x 0.42
750	***0750-CLPL 34-540M***	875X	0.4x0.22	750X	0.45x0.25
1100	***1100-CLPL 34-540M***	1230X	0.26x0.15	1050X	0.3x0.17
1500	***1500-CLPL 34-540M***	1760X	0.17x0.09	1500X	0.2x0.11
2350	***2350-CLPL 34-540M***	2575X	0.11x0.06	2200X	0.13x0.07

(*): ***Only using with pen light.***

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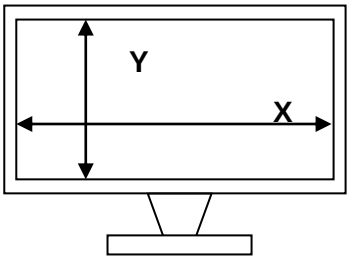
Field of view of the objectives for 2034 Video microscope (NO ROLL)

*(**video and optic** with coaxial light, reflected by Pen Light)*

Magnification referred to a 15,5" monitor

It means, if you take a ruler and put it on your monitor on the object to be measured, that you known real measures, you can calculate the effective field of view that is obtained with "objective-monitor" used.

Ex.: 100mm on your monitor of an object with real measure of 2mm it means that, the objective enlarge the image of 50 times and in this case you are using the objective D-50.



The field of view that is obtained with a specific objective is always the same on any monitor, it changes only the size of the objects showed on various monitor

Objective lens Screw attack	*Optic Magnification*	*1.3 Mpx CCD 1/3"*		*5 Mpx CCD 1/2,5"*	
		Field of view (mm)	*Video Magnification*	*Field of view (mm)*	*Video Magnification*
2X (*)	*20X*	5.4x3.0	56X	6.0x3.4	45X
4X	*40X*	2.7x1.5	*113X*	3.0x1.7	*92X*
6X	*60X*	1.9x1.1	*161X*	2.0x1.1	*139X*
10X	*100X*	1.05x0.59	*290X*	1.2x0.68	*230X*
15X	*150X*	0.735x0.41	*415X*	0.87x0.489	*351X*
20X	*200X*	0.55x0.31	*555X*	0.6x0.34	*458X*
30X	*300X*	0.305x0.17	*1000X*	0.4x0.225	*690X*

(*): don't work with coaxial light

Field of view of the objectives for 2054 Video microscope (NO ROLL)

*(**video and optic** with coaxial light, reflected by Pen Light)*

Magnification referred to a 15,5" monitor

It means, if you take a ruler and put it on your monitor on the object to be measured, that you known real measures, you can calculate the effective field of view that is obtained with "objective-monitor" used.

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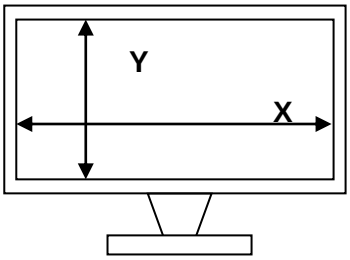

The field of view that is obtained with a specific objective is always the same on any monitor, it changes only the size of the objects showed on various monitor

Objective lens Screw attack	*Optic Magnification*	*1.3 Mpx CCD 1/3"*		*5 Mpx CCD 1/2,5"*	
		Field of view (mm)	*Video Magnification*	*Field of view (mm)*	*Video Magnification*
2X (*)	*20X*	5.4x3.0	56X	6.0x3.4	45X
4X	*40X*	2.7x1.5	*113X*	3.0x1.7	*92X*
6X	*60X*	1.9x1.1	*161X*	2.0x1.1	*139X*
10X	*100X*	1.05x0.59	*290X*	1.2x0.68	*230X*
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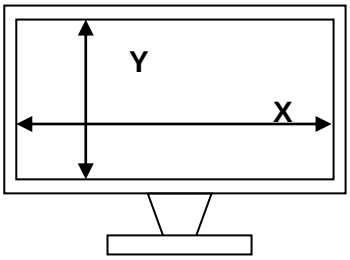

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		Field of view (mm)	*Video Magnification*	*Field of view (mm)*	*Video Magnification*
2X (*)	*20X*	5.4x3.0	56X	6.0x3.4	45X
4X	*40X*	2.7x1.5	*113X*	3.0x1.7	*92X*
6X	*60X*	1.9x1.1	*161X*	2.0x1.1	*139X*
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Field of view of the objectives for 2054 ROLL Video microscope

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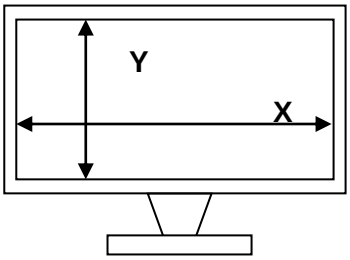

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30X	*300X*	0.305x0.17	*1000X*	0.4x0.225	*690X*

(*): don't work with coaxial light