

# GLOBAL SURGICAL MAGNIFICATION MATRIX

## FIXED STRAIGHT WITH CARR EXTENDER

### 10X@125MM

MICROSCOPE			6 STEP		4, 5 STEP		3, 5 STEP		4, 6 STEP		3, 5 STEP		4, 6 STEP		3, 5 STEP		4, 5, 6 STEP		6 STEP	
OBJ	EYE MAG	FOCAL	FACTOR	MAG X	FACTOR	MAG X	FACTOR	MAG X	FACTOR	MAG X	FACTOR	MAG X	FACTOR	MAG X	FACTOR	MAG X	FACTOR	MAG X	FACTOR	MAG X
200	10	125	0.33	2.1	0.5	3.1	0.66	4.1	0.8	5.0	1	6.3	1.25	7.8	1.5	9.4	2	12.5	3	18.8
225	10	125	0.33	1.8	0.5	2.8	0.66	3.7	0.8	4.4	1	5.6	1.25	6.9	1.5	8.3	2	11.1	3	16.7
250	10	125	0.33	1.7	0.5	2.5	0.66	3.3	0.8	4.0	1	5.0	1.25	6.3	1.5	7.5	2	10.0	3	15.0

## FIXED AND INCLINABLE

### 10X@160MM

MICROSCOPE			6 STEP		4, 5 STEP		3, 5 STEP		4, 6 STEP		3, 5 STEP		4, 6 STEP		3, 5 STEP		4, 5, 6 STEP		6 STEP	
OBJ	EYE MAG	FOCAL	FACTOR	MAG X	FACTOR	MAG X	FACTOR	MAG X	FACTOR	MAG X	FACTOR	MAG X	FACTOR	MAG X	FACTOR	MAG X	FACTOR	MAG X	FACTOR	MAG X
200	10	160	0.33	2.6	0.5	4.0	0.66	5.3	0.8	6.4	1	8.0	1.25	10.0	1.5	12.0	2	16.0	3	24.0
225	10	160	0.33	2.3	0.5	3.6	0.66	4.7	0.8	5.7	1	7.1	1.25	8.9	1.5	10.7	2	14.2	3	21.3
250	10	160	0.33	2.1	0.5	3.2	0.66	4.2	0.8	5.1	1	6.4	1.25	8.0	1.5	9.6	2	12.8	3	19.2

## FIXED AND INCLINABLE

### 10X@175MM

MICROSCOPE			6 STEP		4, 5 STEP		3, 5 STEP		4, 6 STEP		3, 5 STEP		4, 6 STEP		3, 5 STEP		4, 5, 6 STEP		6 STEP	
OBJ	EYE MAG	FOCAL	FACTOR	MAG X	FACTOR	MAG X	FACTOR	MAG X	FACTOR	MAG X	FACTOR	MAG X	FACTOR	MAG X	FACTOR	MAG X	FACTOR	MAG X	FACTOR	MAG X
200	10	175	0.33	2.9	0.5	4.4	0.66	5.8	0.8	7.0	1	8.8	1.25	10.9	1.5	13.1	2	17.5	3	26.3
225	10	175	0.33	2.6	0.5	3.9	0.66	5.1	0.8	6.2	1	7.8	1.25	9.7	1.5	11.7	2	15.6	3	23.3
250	10	175	0.33	2.3	0.5	3.5	0.66	4.6	0.8	5.6	1	7.0	1.25	8.8	1.5	10.5	2	14.0	3	21.0

## FIXED STRAIGHT WITH CARR EXTENDER

### 12.5X @125MM

MICROSCOPE			6 STEP		4, 5 STEP		3, 5 STEP		4, 6 STEP		3, 5 STEP		4, 6 STEP		3, 5 STEP		4, 5, 6 STEP		6 STEP	
OBJ	EYE MAG	FOCAL	FACTOR	MAG X	FACTOR	MAG X	FACTOR	MAG X	FACTOR	MAG X	FACTOR	MAG X	FACTOR	MAG X	FACTOR	MAG X	FACTOR	MAG X	FACTOR	MAG X
200	12.5	125	0.33	2.6	0.5	3.9	0.66	5.2	0.8	6.3	1	7.8	1.25	9.8	1.5	11.7	2	15.6	3	23.4
225	12.5	125	0.33	2.3	0.5	3.5	0.66	4.6	0.8	5.6	1	6.9	1.25	8.7	1.5	10.4	2	13.9	3	20.8
250	12.5	125	0.33	2.1	0.5	3.1	0.66	4.1	0.8	5.0	1	6.3	1.25	7.8	1.5	9.4	2	12.5	3	18.8

## FIXED AND INCLINABLE

### 12.5X @160MM

MICROSCOPE			6 STEP		4, 5 STEP		3, 5 STEP		4, 6 STEP		3, 5 STEP		4, 6 STEP		3, 5 STEP		4, 5, 6 STEP		6 STEP	
OBJ	EYE MAG	FOCAL	FACTOR	MAG X	FACTOR	MAG X	FACTOR	MAG X	FACTOR	MAG X	FACTOR	MAG X	FACTOR	MAG X	FACTOR	MAG X	FACTOR	MAG X	FACTOR	MAG X
200	12.5	160	0.33	3.3	0.5	5.0	0.66	6.6	0.8	8.0	1	10.0	1.25	12.5	1.5	15.0	2	20.0	3	30.0
225	12.5	160	0.33	2.9	0.5	4.4	0.66	5.9	0.8	7.1	1	8.9	1.25	11.1	1.5	13.3	2	17.8	3	26.7
250	12.5	160	0.33	2.6	0.5	4.0	0.66	5.3	0.8	6.4	1	8.0	1.25	10.0	1.5	12.0	2	16.0	3	24.0

## FIXED AND INCLINABLE

### 12.5X @175MM

MICROSCOPE			6 STEP		4, 5 STEP		3, 5 STEP		4, 6 STEP		3, 5 STEP		4, 6 STEP		3, 5 STEP		4, 5, 6 STEP		6 STEP	
OBJ	EYE MAG	FOCAL	FACTOR	MAG X	FACTOR	MAG X	FACTOR	MAG X	FACTOR	MAG X	FACTOR	MAG X	FACTOR	MAG X	FACTOR	MAG X	FACTOR	MAG X	FACTOR	MAG X
200	12.5	175	0.33	3.6	0.5	5.5	0.66	7.2	0.8	8.8	1	10.9	1.25	13.7	1.5	16.4	2	21.9	3	32.8
225	12.5	175	0.33	3.2	0.5	4.9	0.66	6.4	0.8	7.8	1	9.7	1.25	12.2	1.5	14.6	2	19.4	3	29.2
250	12.5	175	0.33	2.9	0.5	4.4	0.66	5.8	0.8	7.0	1	8.8	1.25	10.9	1.5	13.1	2	17.5	3	26.3