

Printout for Video Lesson: Using the Marco LM-101 Lensmeter

Things to do before watching the video:

- Watch the video, The Parts of the Marco LM 101
- Watch the video, Focusing the Marco LM 101 for Individual Use

The video lesson includes images of power drum settings, axis wheel settings and what you would expect to see when looking inside the lensmeter.

Watching the video may help you understand how we use the lensmeter. However, to make this video exercise really work you will need three sets of complete glasses and a loose SV lens.

THAT MATCH THE WORK ORDERS USED IN THE VIDEO

If you want to have them made work orders for each job are below. The frame you choose will not really matter.

Remember:

-1.00 -0.75 X 23 tells us that we will have -1.00 at 23
And that our second lensometer drum setting will be at -1.75

-2.00 -1.00 X 43 tells us that we will have -2.00 at 43
And that our second lensometer drum setting will be at -3.00

+2.00 -0.50 X 160 tells us that we will have +2.00 at 160
And that our second lensometer drum setting will be +1.50

+1.50 -1.00 X 175 tells us that we will have +1.50 at 175
And that our second lensometer drum setting will be +0.50

-1.50 -0.50 X 47 tells us that we will have -1.50 at 47
And that our second lensometer drum setting will be -2.00

-0.75 -0.75 X 66 tells us that we will have -0.75 at 66
And that our second lensometer drum setting will be -1.50

-1.00 -0.75 X 43 tells us that we will have -1.00 at 43
And that our second lensometer drum setting will be -1.75

Work Orders:

Job #1 Single Vision

R: -1.00 -0.75 X 23

L: -2.00 -1.00 X 43

Patient PD = 31/34

Job #2 Lined Bifocal

R: +2.00 -0.50 X 160

L: +1.50 -1.00 X 175

Add = +2.00

Patient PD = Near 60 Far 64

Height = 12

Job #3 Progressive

R: -1.50 -0.50 X 47

L: -0.75 -0.75 X 66

Add = +2.00

Patient PD = 34/35

Height = 17

Job #4 Single Vision Uncut Lens

-1.00 -0.75 Axis to be filled is 43