



# LOW VISION ADAPTOR

Attachment for the

**RAM Prime and RAM Prime XL**

Test to 20/1600



This ingenious simple device attaches to the RAM prime or RAM Prime XL and makes testing of low vision accurate, easy and fast. Document stability or changes in macular function. The visual angle doubles when the reading distance is halved. The low vision lens is at 2", which halves the working distance 4 time from 16" (16", 8". 4". 2"). The letter size at 2 inches is 4 times the letter size at 16 inches, a 20/20 letter becomes a 20/160 letter and so on.

<b>Size</b>	<b>At 16"</b>	<b>At 2 "</b>
20/20.....	20/160	
20/25.....	20/200	
20/30.....	20/240	
20/40.....	20/320	
20/50.....	20/400	
20/60.....	20/480	
20/70.....	20/560	
20/80.....	20/640	
20/100.....	20/800	
20/200.....	20/1600	



Example: When the patient's best Low Vision Acuity (LVA) is 20/60 line, the magnified acuity is 20/480 (Double 20/60 x 4: 20/60; 20/120; 20/240; 20/480).

Packing List:



20 D  
MAGNIFIER



ADAPTOR



LEATHER  
POUCH



## USES

1. To measure initial visual acuity in eyes with Macular Degeneration
2. To measure changes or stability of vision in eyes with severe vision loss
3. To measure vision in any eye with severe vision loss (If the eye has severe cataract, the light may not penetrate the cataract and give a falsely poor result)
4. To measure changes in visual acuity when other charts letters are too small
5. To measure Potential Vision in eyes with severe vision loss (Apply Panoramic Pinhole or Pinhole Disc over eye piece of the Low Vision Adaptor)

## TO USE

1. Insert thumb screw into the mounting port of the RAM Prime
2. Partially tighten
3. Slide Magnifier beneath the Adaptor and tighten screw
4. Patient views through the magnifier held close to the eye
5. Use no glasses correction
6. Turn the Chart disc of the RAM to change symbol size to obtain best Low Visual Acuity (LVA)
7. Double the Snellen index on the disc 4X to arrive at LVA (see page 2)
8. Apply Pinhole Disc over the Magnifier to measure Potential Vision
9. In eyes with cataract use brightest illumination