
PAM-1 POTENTIAL ACUITY METER

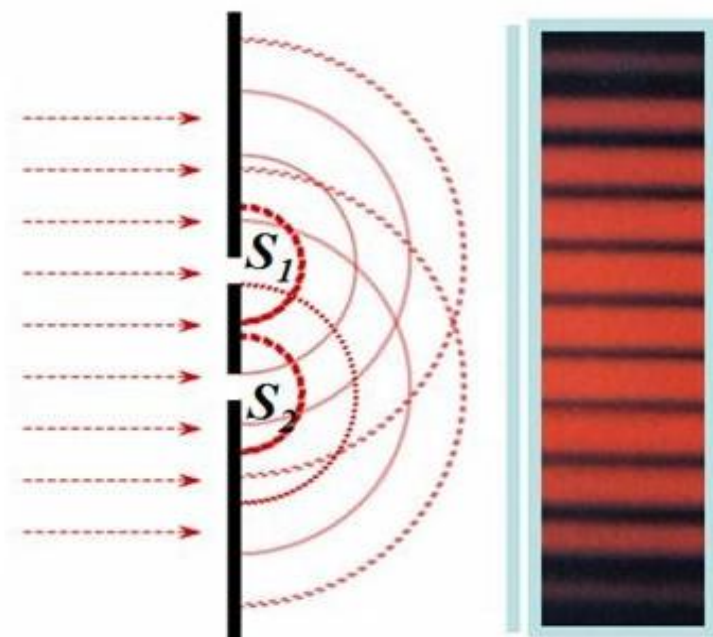
It makes use of double slit interference principle to imaging the interference fringe visual standard on the retinal directly. Away from optical media, so can detect the real retinal eyesight vision (potential).



Cinical significance

- Cataract Predict cataract postsurgery vision and guarantee the medical effect.
- Amblyopia Differential diagnosis, prediction effect.
- Ametropia Estimate optical rectification effect and predict myopia development trend.

- Corneal lesions Detect the retinal, predict postsurgery vision.
- Vitreous lesions Away from optical media and detect the real retinal eyesight vision.
- Retinal lesions Predict the retinal postsurgery vision.



Advantages:

- 1.The ocular target is formed between anterior segment and retinal to measure the visual function of the retinal(potential acuity).
- 2.Widely used in cataract surgery to calculate the postoperative acuity.

Specifications:

- 1.Target:interference visual acuity.
- 2.Range:0.8,3,6,12,18,24cpd
- 3.Target direction:0°,45°,90°,135°