

M OPTIM

*The search for a
Portable Autorefractometer
is now over...*

**HAR-580
Handheld
Vision Screener**



**HAR-800/880
Portable Binocular
Auto Refractometer**

- Superior accuracy with comprehensive detection modes
- Non contact and child friendly

- Most compact Eye Screening device
- Improved accuracy of objective assessment
- User friendly laptop connectivity



OPTICS INDIA
EQUIPMENTS PVT. LTD.

HAR-580 PROBABLY THE FASTEST OBJECTIVE VISION SCREENER

- Objective and accurate refractive assessment
- Ideal for challenging patients such as infants, disabled patient
- Revolutionary design brings superior user experience

EASY OPERATION THAT YOU CAN MASTER IN SECONDS



Step 1
Simply put the screener against the forehead



Step 2
Centre the cross on the pupil



Step 3
Save, print or share the report

Sphere range	-12.0D ~ +12.0D
Sphere tolerance	±0.5D
Cylinder range	-5.0D ~ +5.0D
Cylinder tolerance	±0.5D
Axis of astigmatism range	1° ~ 180°
Data acquisition time	1s/eye
External	Must connect to PC or IPAD
Net weight	360g

HAR-800 PROBABLY THE FASTEST OBJECTIVE VISION SCREENER



- Non-contact and non-invasive
- Child-friendly
- Speedy inspection
- Accurate result
- Comprehensive detection modes
- Luminant cross-shape helps easy targeting
- Automated ultrasonic distance measurement
- Infrared connected printer

Mode	Infant mode	Adult mode	Myopia mode (HAR-880 only)
Sphere range	-6.0D to +8.0D	-6.0D to +8.0D	-9.0D to +2.0D
Sphere intervals	0.25D/0.1D	0.25D/0.1D	0.25D/0.1D
Sphere tolerance	±0.5D	±0.5D	±0.5D
Cylinder range	-3.0D to +3.0D	-3.0D to +3.0D	-3.0D to +3.0D
Cylinder intervals	0.25D/0.1D	0.25D/0.1D	0.25D/0.1D
Cylinder tolerance	±0.5D	±0.5D	±0.5D
Axis of astigmatism range	1° to 180°	1° to 180°	1° to 180°
Axis of astigmatism intervals	1°	1°	1°
Axis of astigmatism tolerance	0.25D to 1.00D 1.25 D to 3.00D	±10° ±5°	±10° ±5°
Intervals are adjustable			

Function Parameters	Adult/Infant mode Myopia mode (HAR-880 only)	335 ±10mm 268 ± 10mm	Confidence level	10
Output of the laser radiation		150 to 200µW	Wavelength	850±20nm
Data acquisition time		2s/eye	Battery voltage	d.c.11.1V
Distance measurement		Automatic, with audible and visual hint		
Battery life		More than 6 hours of continuous usage		
Low-Battery warning		Indicates 15 minutes usage remains		



OPTICS INDIA
EQUIPMENTS PVT. LTD.

Hari Krupa Adj. Punjab National Bank, Naya Padkar Lane, M.G. Road, Anand-388 001 Guj., INDIA. Ph. : +91 2692 257646, Fax : +91 2692 240238, info@opticsindiaequipments.com, www.opticsindiaequipments.com

For Inquiry & Details, please contact

GUJARAT
92271 61736
92271 61737

MUMBAI
92271 61727
92271 61723

KOLKATA
92271 61724
80011 29595

DELHI
92271 61725
92271 61726

SOUTH INDIA
92271 61738
92271 61731