



PRODUCT CATALOG



Smartphone-powered Refraction

More Info | www.eyenetra.com
Buy On-line | store.eyenetra.com

JOIN THE REVOLUTION!

Over 4.2 billion people across the globe require eyeglasses of which more than half are still uncorrected due to access and cost barriers. Traditional diagnostic equipment is cumbersome, expensive, and fails to leverage modern-day computing power. EyeNetra envisions a world where all people can see well regardless of location and means. So, we set out to simplify and demystify the complicated vision-testing process. From India to Indiana, Bangladesh to Belgium, Greenland to Australia, vision loss sees no boundaries...neither should correcting poor vision. We have the technology and the tools. You have the know-how and the desire. Together, we can ensure all people see well.



OUR VISION

We envision a world where all people feel empowered to make informed decisions about their health. We are, in particular, passionate about sight – enabling everyone to experience their world and their journey with perfect visual performance.

HOW DO WE DO THAT?

Using patented, cutting-edge technology developed by our team, we've developed vision-testing tools that enable anyone, anywhere to gain access to the best care possible. And that's just the beginning!

The future is here.



DO WELL
BY DOING
GOOD





NETRA

Refraction Mobilized

A self-test refraction tool powered by a smartphone to collect new eyeglass measurements.

Using a series of simple game-like interactions in a Virtual Reality headset, NETRA enables anyone anywhere to collect their own refractive measurements. It's quick and easy to use in an office or in the field.

Eye care professionals can use the measurements to diagnose and prescribe for their patients.

FEATURES AND BENEFITS

 AS ACCURATE AS AUTOREFRACTORS COSTING OVER \$25,000

 EASY TO USE - EASY TO TRAIN

 19 PEER-REVIEWED SCIENTIFIC AND CLINICAL PAPERS PUBLISHED OVER 50,000 EYES TESTED

 PORTABLE - NO POWER REQUIRED

 RUGGED - NO CALIBRATION NEEDED, MAINTENANCE ZERO

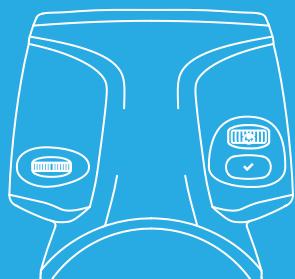
 CONNECTED - NO MORE TRANSCRIBING

 COMPLETE ACCOMMODATION CONTROL. FOGGING IS PERFORMED BY THE DEVICE

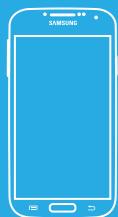
EXACTLY WHAT INFORMATION DOES NETRA TELL ME?

NETRA generates a recommended refraction for eyeglasses, correcting for nearsightedness, farsightedness, and astigmatism. More specifically, NETRA outputs the sphere, cylinder, and axis as well as the measurement for the distance between eyes (PD). NETRA does not measure any higher-order aberrations or quantify retinal conditions.

SELF-TEST REFRACTION TOOL POWERED BY A SMARTPHONE.



NETRA

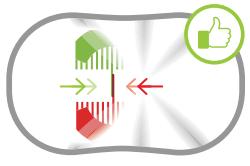
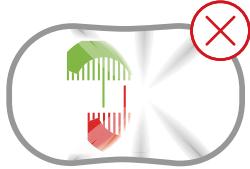


SAMSUNG
GALaxy S4



FIND, ALIGN AND CONFIRM

LEFT HAND

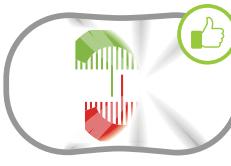
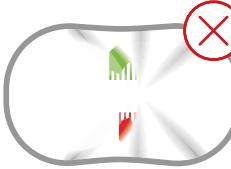


With just three easy movements you are able to make a full test. Grip the NETRA with both hands, palms wrapped underneath for support.



Turn the Alignment knob to align the two stems of the umbrellas so that they overlap as closely as possible

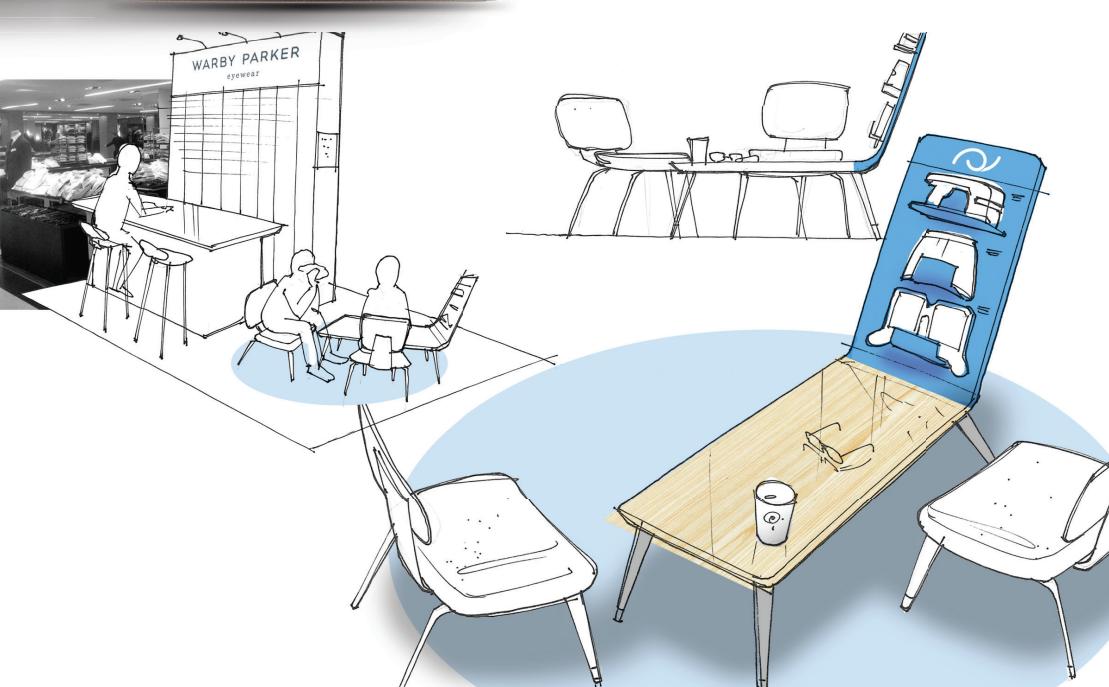
RIGHT HAND



Turn the Brightness knob to locate the red and green umbrellas so that they are as full and bright as possible

TECHNICAL SPECIFICATIONS

TECHNOLOGY	NETRA (Pat. Issued)
ACCOMMODATION CONTROL	Fogging (Pat. Pending)
LIGHT SOURCE	Smartphone (Samsung S4) Display (No Lasers)
MEASURING WAVELENGTHS	~550nm and ~650nm Simultaneously
SPHERE RANGE	-12 to +5.5D, 0.25D increment
CYLINDRICAL RANGE	0 to -7D, 0.25D increment
AXIAL RANGE	0 to 180, 1 degree increment
INTERPUPILLARY DISTANCE RANGE	52 to 72mm, 0.5mm increment
DEVICE DIMENSIONS	8.5cm x 20cm x 20cm (436g)
INTENDED PATIENT POPULATION	13 to 65 years old
EXTERNAL PROCESSING UNIT	Samsung S4
DILATION REQUIRED	No
CYCLOPLEGIC REQUIREMENTS	None
CALIBRATION REQUIREMENTS	None
OFFICE ILLUMINATION REQUIREMENTS	None (Optically Sealed)
SPECIALIZED FURNITURE REQUIREMENTS	None (Handheld)
FDA STATUS	NETRA (v1.01) is a Class 1 device exempt from premarket notification (510(k))
OPERATION	Temperature: 15°C to 40°C Relative humidity: 95% non-condensing
STORAGE/TRANSPORT	Temperature: -20°C to 90°C Relative humidity: 95% non-condensing



HERE'S AN IDEA

Looking for ways to serve your high-end, repeat customers? Offer them a relaxed environment within your existing store. Using state-of-the art EyeNetra technology, provide them with a unique, personalized experience.





NETROMETER

Lensometry Redefined

The handheld smartphone-based Netrometer captures the refraction of single vision and progressive lenses in seconds. With the precision of 0.08D, the Netrometer is as accurate as top-tier lens meters. No alignment issues, tilting or mishandling inaccuracies, No need for specialized furniture or training. Just install the app, connect into the device, and take measurements.

FEATURES AND BENEFITS



EXTREMELY SIMPLE TO USE



SINGLE VISION AND PROGRESSIVES



RETAIL THEATER - DON'T LEAVE YOUR
CUSTOMERS FOR A SECOND



AFFORDABLE AND PORTABLE ENOUGH
TO PURCHASE SEVERAL



STABLE AND LIGHTWEIGHT

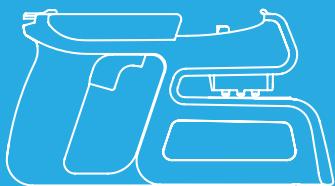


FAST! GET TO KNOW THE CONSUMER'S
GLASSES IN LESS THAN 5 SECONDS

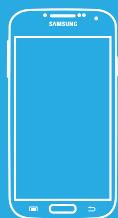
EXACTLY WHAT INFORMATION DOES NETROMETER
TELL ME?

NETROMETER will evaluate the power of customers' existing eyewear - Sphere, Cylinder, Axis, and Add Power (for progressive lenses). This information can be wirelessly transmitted to a printer or electronic medical records.

SAY HELLO TO INTUITION.
LENSOMETRY DOESN'T
HAVE TO BE
CUMBERSOME.



NETROMETER

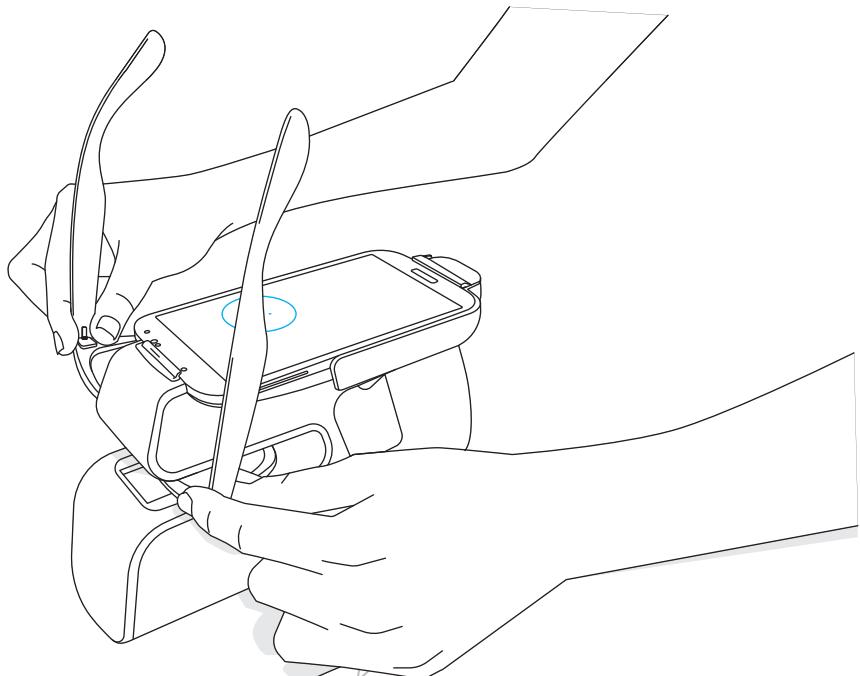


SAMSUNG
GALaxy S4



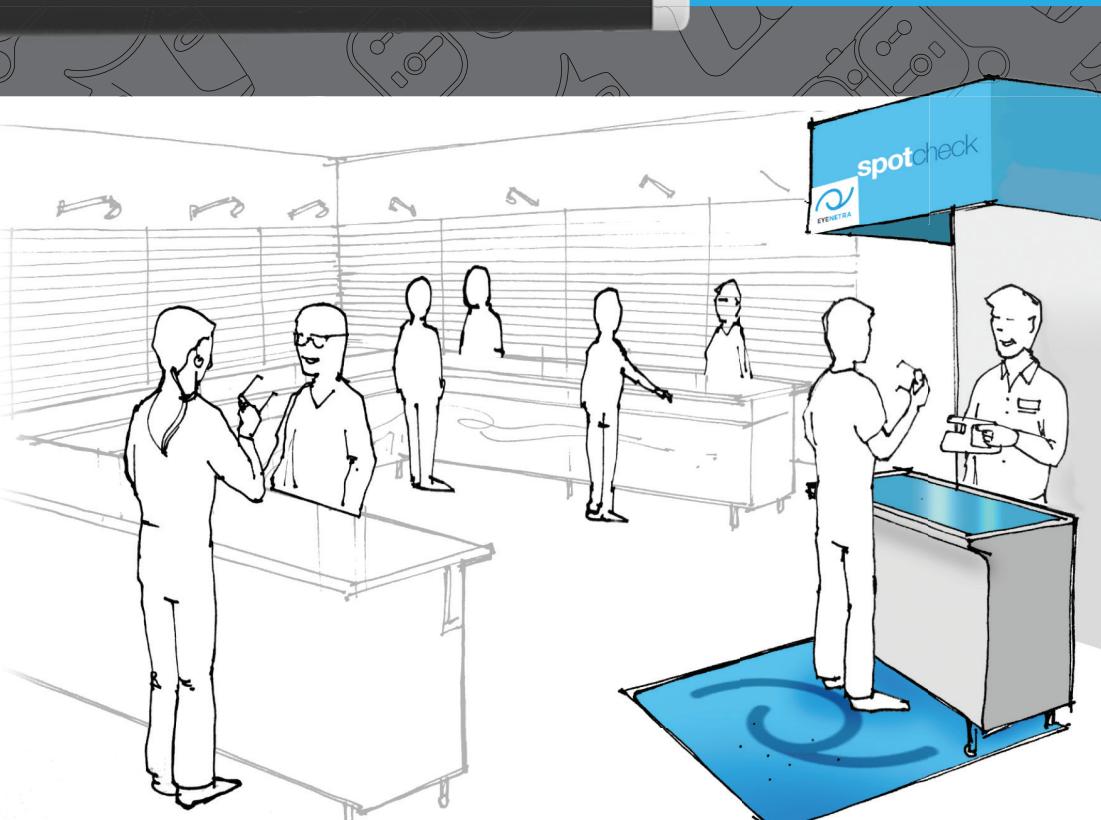
INSERT, FIND AND READ

Adjust the lens until the dot sits inside the indicated circle. Gently squeeze the trigger to hold the lens in place, and tap the screen to take a reading. Repeat for the other lens. IT'S REALLY THAT FAST.



TECHNICAL SPECIFICATIONS

TECHNOLOGY	NEFLECTOMETRY (Pat. Pending)
CAMERA	Smartphone Back-facing Camera
LIGHT SOURCE	Smartphone (Samsung S4) Flash LED
MEASURING WAVELENGTHS	~400nm to ~750nm (Broadband)
SPHERE RANGE	-13 to +7.0D, 0.25D increment
CYLINDRICAL RANGE	0 to -7D, 0.25D increment
AXIAL RANGE	0° to 180°, 1 degree increment
LENS TYPE	Single Vision and Progressive Lenses ^(BETA)
DEVICE DIMENSIONS	7.5cm x 11cm x 21cm (500g)
EXTERNAL PROCESSING UNIT	Samsung S4
MEASUREMENT TIME	3 seconds for Single Vision
SCRATCH, DUST AND COATING	Accepted
CALIBRATION REQUIREMENTS	None
OFFICE ILLUMINATION REQUIREMENTS	None (Optically Sealed)
SPECIALIZED FURNITURE REQUIREMENTS	None (Handheld)
FDA STATUS	Netrometer is a Class 1 device exempt from premarket notification (Sec. 886.1425)
OPERATION	<ul style="list-style-type: none"> Temperature: -15°C to 93°C Relative humidity: 95% non-condensing
STORAGE/TRANSPORT	<ul style="list-style-type: none"> Temperature: -15°C to 93°C Relative humidity: 95% non-condensing



HERE'S AN IDEA

Set up a service area outfitted with EyeNetra products to spot-check customer prescriptions and eyeglasses. Even if your associates cannot prescribe, they will always be able to double-check prescriptions to guarantee customer satisfaction before ordering glasses.



SPHERE

180
150
120
90
60
30
0
45
75
90

SPHERE

180
150
120
105
90
135
165
0
15
30
45
60
75
90

SPHERE

EYEMETRA



EYENETRA



NETROPTER

Acuity Simplified

Replace your cumbersome lens kit with an elegant, lightweight solution. The Netropter integrates a full-range of SPH, CYL, and AXIS values to refine measurements for distance and reading. Includes a pupillary distance adjustment and lock.

Running monocular and binocular visual acuity tests for distance and reading glasses has never been so simple.

FEATURES AND BENEFITS



LIGHTWEIGHT AND EASY TO USE



REQUIRES NO SUPPORT STRUCTURE



MOLDED POLYCARBONATE LENSES
WITH ANTI-REFLECTIVE COATING



AFFORDABLE AND PORTABLE

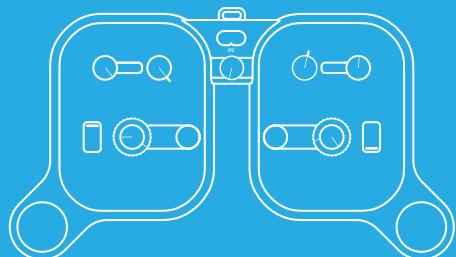


BOTH DISTANCE AND READING TESTS

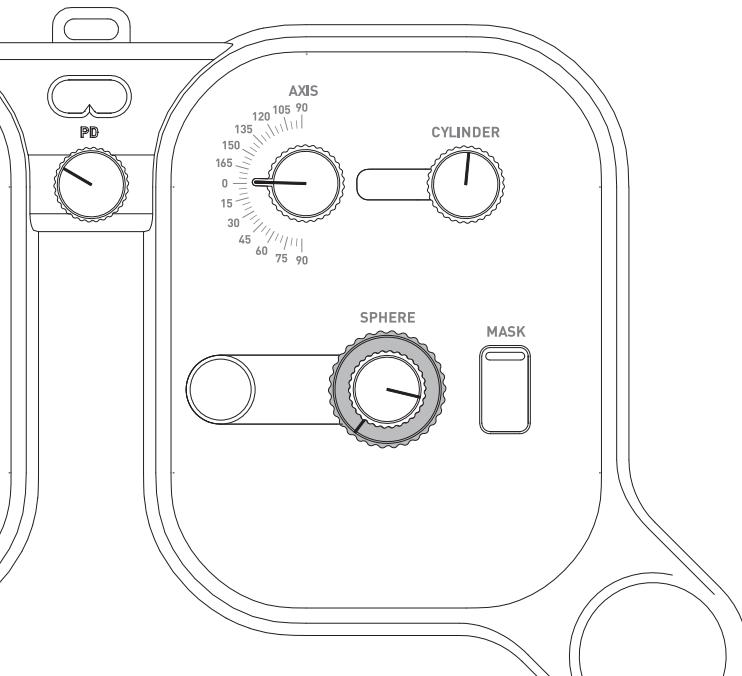
CAN I RUN A SUBJECTIVE REFRACTION USING NETROPTER?

Yes. Although the Netropter was designed to simply refine measurements from a reliable starting point, it is possible to perform all the usual procedures of a manifest refraction, including accommodation testing, binocular balance and axial refinements.

VISUAL ACUITY TESTING HAS NEVER BEEN EASIER.



NETROPTER



CHECK YOUR READINGS

Dial in the Netra or Netrometer results using the knobs for sphere, cylinder, axis and PD. Use the shutters to occlude each eye as necessary. Adjust the values to verify and refine the results, providing the customer with the most acceptable prescription.

TECHNICAL SPECIFICATIONS



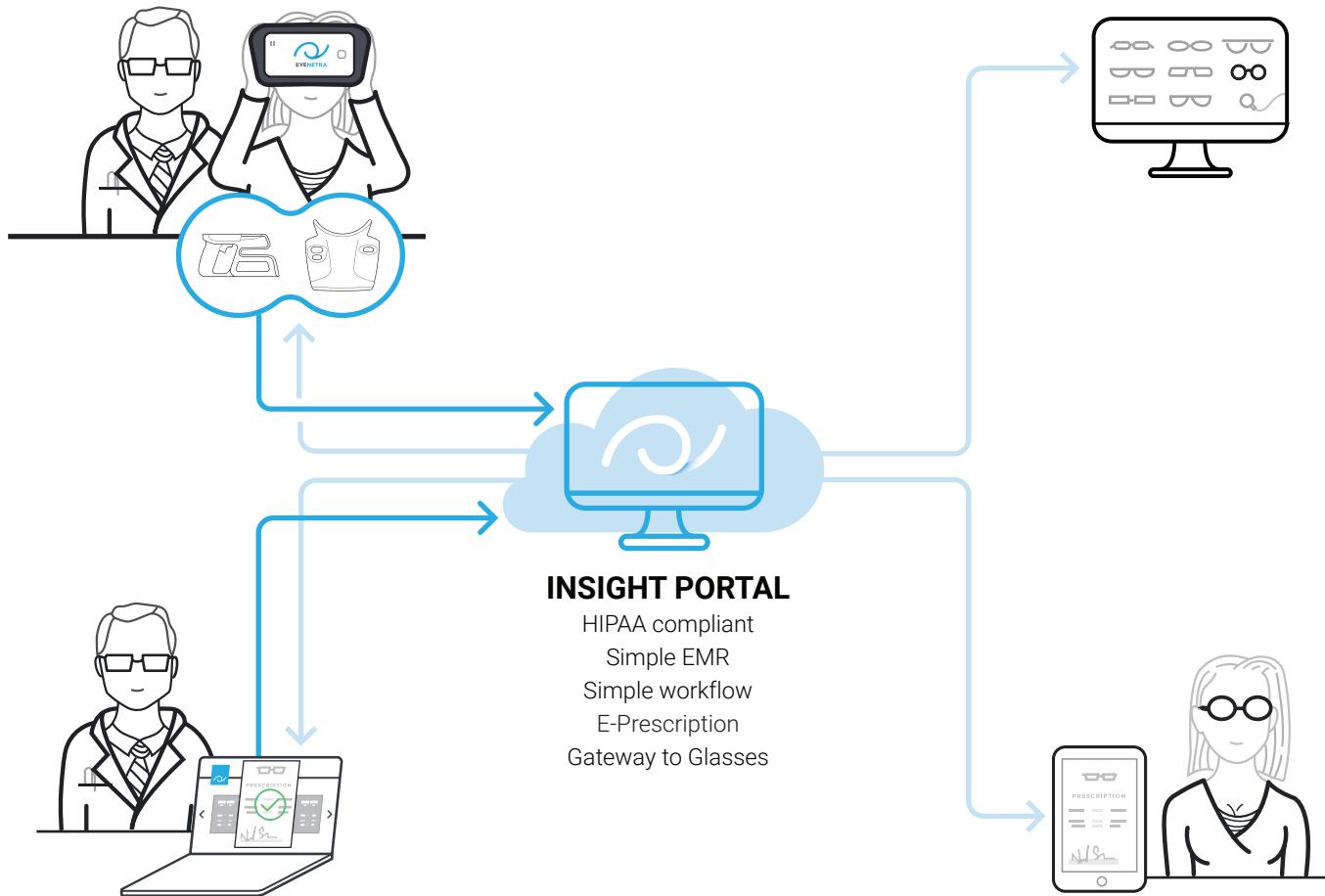
TECHNOLOGY	TRIAL LENS STACK (25 LENSES PER EYE)
SPHERE RANGE	-10.75 to +5.0D, 0.25D increment
CYLINDRICAL RANGE	0 to -6D, 0.25D increment
AXIAL RANGE	0° to 180°, 1 degree increment
PUPILLARY DISTANCE RANGE	52 to 72mm, 1mm increment
VISUAL FIELD	~20° Degrees (14mm aperture)
ACUITY MEASUREMENTS	Binocular and Monocular
VISION TEST TYPE	Distance and Readers
DEVICE DIMENSIONS	5.0cm x 7cm x 10cm (less than 500g)
EXTERNAL PROCESSING UNIT	None
SETUP TIME	30 seconds
CALIBRATION REQUIREMENTS	None
POWER REQUIREMENTS	None (Manual Setup of Lenses)
SPECIALIZED FURNITURE REQUIREMENTS	None (Handheld)
FDA STATUS	Class I, exempt from 510(k) pre-market submission requirements
OPERATION	<ul style="list-style-type: none"> Temperature: -15°C to 93°C Relative humidity: 95% non-condensing
STORAGE/TRANSPORT	<ul style="list-style-type: none"> Temperature: -15°C to 93°C Relative humidity: 95% non-condensing



HERE'S AN IDEA

EyeNetra's interactive experience is ideally suited for use at Optical Fairs. Raise awareness in your community about the benefits of vision care and wellness.

INSIGHT: YOUR EMR MADE EASY.



SYNC DEVICES AND CHECK READINGS

The Insight Portal provides a seamless way to synchronize patient data from your EyeNetra devices. The Portal has taken the chore out of uploading prescriptions or finding a patient's history.

CREATE AND PRESCRIBE CUSTOMERS

Adding new patient profiles in the Insight Portal is a quick and simple process. With new prescriptions at your fingertips, you can print or send prescriptions to existing or new customers no matter where you are.

AN ANALYTICS DASHBOARD TO HELP DRIVE YOUR BUSINESS

Insight provides reports on usage of the devices, customer satisfaction from check-in to glasses and team management analytics. Together with the ability to perform check-ins and communicate with your patients, Insight brings the beauty of hassle-free on-line practice management to you.



CHOOSE A PLAN THAT GROWS WITH YOU...

contact us | info@eyenetra.com

PERSONAL

Sync Devices and Check Readings

Tech. Update

24/7 Support

PRACTICE

Sync Devices and Check Readings

Customer Visits and Management

Web Presence & Intake Form

E-Prescription

Tech. Update

24/7 Support

ENTERPRISE

Sync Devices and Check Readings

Customer Visits and Management

Web Presence & Intake Form

E-Prescription

EMR Integration

Tech. Update + Protection Plan

24/7 Support



ACCESSORIES

TRAVELING CASE

This semi-rigid case stores your Netra, Netrometer, Netrometer, Smartphone, Printer, and Accessories. Lightweight and portable (smaller than your carry-on luggage), it's

designed for ergonomic comfort and long-lasting durability. The case is shock absorbent and water resistant. Ideal for mission trips and out-of-office testing situations.



ACCESSORIES

EXTRA PHONE

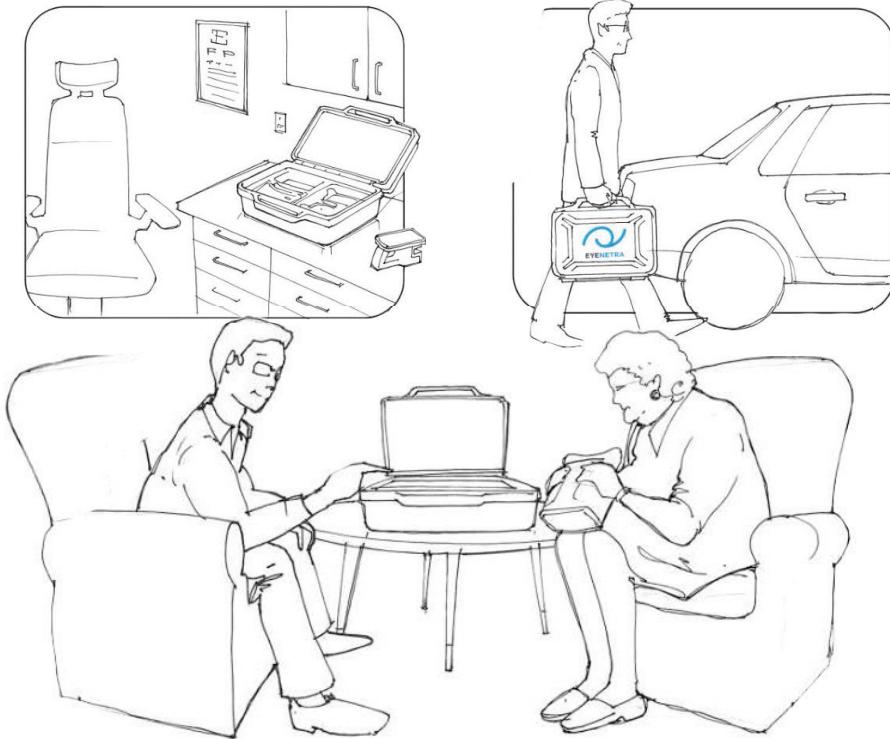
This is a regular Samsung S4 installed and calibrated for Netrometer and Netra applications. This product is offered for customers that purchased bundles and need a second smartphone to take measurements in parallel. It includes the phone, charging adaptor and cable.



ACCESSORIES

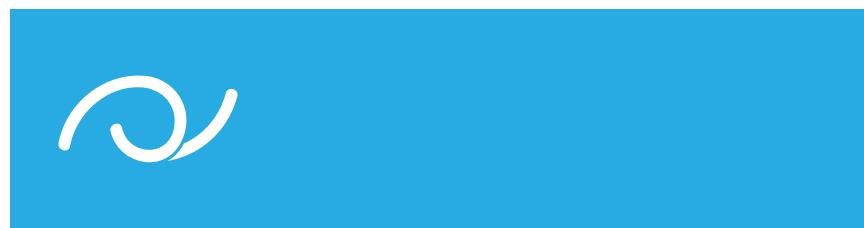
THERMAL PRINTER

Pair this portable, wireless printer with your smartphone to print your Netra and Netrometer results anywhere, anytime. The printer has an integrated rechargeable battery that lasts for days. The connection happens automatically via bluetooth. No setup, wires, or headaches.



HERE'S AN IDEA

EyeNetra's suite of products are accurate, affordable, portable, and rugged...making them ideal for the ECP looking to reach more patients outside of their office.



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