plusoptiX

BINOCULAR AUTOREFRACTORS

Made in Germany

RELIABLE COMPATIBLE INNOVATIVE

APPLICATION

Binocular refraction measurement – made easy for eye care professionals and patients

Plusoptix Bincoular Autorefractors are used to measure refraction as part of an entry examination.

Both eyes are measured simultaneously from a one meter distance in less than one second. All without touching the patient.

Fast and accurate

- Binocular and monocular measurement in less than one second (sphere, cylinder, axis)
- Measures of interpupillary distance, pupil size, gaze direction and gaze asymmetry
- Measures over glasses and contact lenses

Simple and easy to delegate

Measurements with a Plusoptix Binocular Autorefractometer can be easily carried out by practice staff and thus save valuable chair time.

Measuring both eyes at the same time from a one meter distance ensures accurate refraction results even in undilated eyes.

PRICES

plusoptiX A20
mobile with EMR-interface

plusoptiX A12R
mobile without EMR-interface

Trade-in

We accept trade-ins (including devices from other manufacturers). Please contact us for more details.

Request your offer today:
www.plusoptix.com/contact

CE 0123

RELIABLE

Maintenance and calibration-free

Plusoptix devices are maintenance-free and do not require calibration.

The rechargeable battery is commercially available and can be replaced easily without any tools.

Stay relaxed with the Plusoptix hassle-free warranty

Within the EU and the US, all Plusoptix Binocular Autorefractors come with a one-year hassle-free warranty.

The warranty even covers accidental damage (e. g. dropping).

The warranty can be extended to up to 10 years.

Free software updates

For all Plusoptix device models, software updates are always free of charge.

Automatic notifications immediately alert the user as soon as a software update is available.

COMPATIBLE

Plusoptix devices can be integrated into most existing EMR systems.

- EMR-interface included free of charge
- Automatic transfer of protocols to the patient file
- Our service team is happy to help practice administrators to integrate their Plusoptix device

INNOVATIVE

Transillumination test

To detect media opacities more easily, the Vision Screener can be used to perform a glare-free transillumination test from a distance of one meter.

- Thanks to infrared illumination, the pupil size remains unaffected
- High-resolution photo for assessment (image, with pupil zoom)
- Photo documentation in the patient folder is possible

Illustrative representation of transillumination test

Visual acuity test

The A20 device model has an integrated visual acuity test that allows specific threshold values to be checked.

- Digital visual acuity assessment
- Graphically optimized symbols for better readability
- Customizable presentation of optotypes

MEASUREMENT	A12R	A20
Measurement technology	Binocular infrared photorefraction with unique LED illumination	
Measurement range*	-7,00 to +5,00 dpt in 0,25 dpt increments	
Pupil size	3,0 to 8,0 mm in 0,1 mm increments	
Measurement time	dynamic, on average 0,5 sec.	
Measurement distance	1 m ± 5 cm (3,3 ft ± 2 in)	
Fixation target	Warble sound and Smiley-Face	
Certifications	CE (Europe), FDA (USA), Health Canada (Canada)	
TRANSILLUMI-NATION TEST	**A12R**	**A20**
Reflex color	Grayscale	Redscale
Pupil zoom	Yes	Yes
VISUAL ACUITY TEST	**A12R**	**A20**
Optotypes	Not availabe	LENA 5SW, HOTV
Spacing, size, display	Not availabe	Configurable
HARDWARE	**A12R**	**A20**
Touchscreen operation	4,3 inches (resistive)	7 inches (capacitive)
Weight	0,8 kg (28,2 oz)	0,9 kg (31,75 oz)
Interfaces	USB, IR, SD, Mini-USB	USB, IR, WLAN, Bluetooth
Power supply	6x rechargeable AA batteries	Lithium battery (rechargeable) for medical use

*Spherical Equivalent