



VisionFit SC

Wearable Adaptive Refractor



- 100% WIRELESS
- NEW ERGONOMIC HEADBAND
- DRIVEN BY ANDROID TABLET
- BATTERY OPERATED



BENEFITS

- Wearable and mobile - it fits comfortably on the head of the patient.
- Enables examining in free posture. Subjective refraction can be performed with the patient in his/her usual working environment and posture.
- Small footprint and reduced exam time.
- Increases peripheral vision.
- Doesn't require control of the patient's position.
- Ideal with non-cooperative patients.
- Controlled by a tablet through bluetooth connection, it does not require any cable.

MAIN APPLICATIONS

- The patient wears the VisionFit lens frame like a regular trial frame and looks through it at an eye chart – or any other near or far target.
- The patient can be seated, standing or in any other desired position and/or environment.
- The eye chart and/or target can be placed at different distances, depending on the type of exam.
- The operator adjusts the device in order to change the configuration of the optics, asking the patient for a subjective feedback.
- The operator selects the output values for both glasses and contact lenses prescriptions.

HOW IT WORKS

- VisionFit SC is an innovative electronic, tunable, all-in one, mobile and wearable system of lenses.
- VisionFit SC is 100% wireless.
- VisionFit SC is powered by a rechargeable and replaceable battery pack.
- System control via an interactive 9.6" Android tablet.
- It performs a subjective sight examination and it effectively replaces both the trial glasses and the manual/electronic phoropter functionality.



VisionFit SC Technical specifications

Spherical correction range	-10/+10 D and -20/+20 D with the use of an additional lens with prescription steps of 0.125 D and variable fluidity steps (adjustable from 0.05 to 0.25 D) with the use of the basic spherical lens.
Cylindrical correction range	0 to 10 D by steps of 0.25 D
Axis adjustment range	1-180° by steps of 1°
Additional prismatic lenses range (optional)	0 to 10 Δ, steps 1 Δ (add on – no automatic)
Corneal vertex distance range	10-18 mm
Manual pupil distance adjustment range	50-80 mm, separated right and left
Device free aperture	30 degrees
Display	Tablet 9.6 inches multiple touch
Bluetooth module	BT 4.0 low energy
Power	Battery powered LI-ION 3400mAh NCR18650B (Polarized type, BottomTop) 4 cells
Battery charger	AC-DC Medical Converter 24V 60W

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