

# AOC MOBILE



Truly portable — take it anywhere!

*...the ultimate solution for your acuity charts needs!*

# The AOC Mobile portable digital chart

AOC Mobile is the new portable eye chart for vision professionals who want to go wherever their patients are.

For private practice and staff doctors, optometrists, and orthoptists and all professionals who assess fitness for driving: easy and quick to use, AOC Mobile lets you work in every kind of situation.

AOC Mobile was designed as a set of easy-to-use, high-tech tools to let you perform:

- a complete, professional vision exam.
- fitness for driving tests automatically in just a few minutes.

The complete set — small, lightweight, with battery-powered parts — is ready to use and easy to carry in the convenient case it comes in.

Truly portable.

Complete set for vision exam.

Tablet 10.1" with Retina Display, presents stimuli with AV=0.06 at a distance of 5 meters.

Exam distance between 40 cm and 5 meters. Customized program to speed up clinical use.

Calibrated brightness for accurate contrast levels.

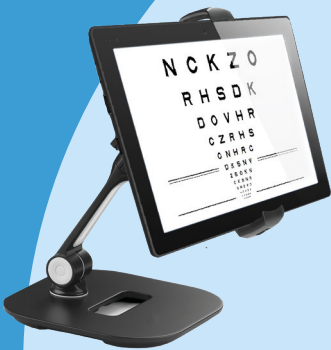
Randomly presented optotypes. Wide range of applications: AV from 0.04 (low vision) to 2.0 (hyperacuity).

Special modes for Child and Low Vision exams.

Remote touch screen console to make it easier to control the instrument from the first time you use it and for a better working position for the professional.

Free software upgrades through an easy automatic function.

Vertical positioning with convenient table stand or wall stand.



# DRIVER'S LICENSE EXAMINATION

The driver's license examination (group 1 and 2 at the professional's choice) can be performed with an automatic procedure, simply answering "seen / not seen" to the stimuli presented. The tool automatically calculates the thresholds for each test, completing the entire sequence quickly:

- VISUAL ACUITY TEST OD/OS
- CONTRAST SENSITIVITY TEST
- TWILIGHT VISION TEST
- GLARE SENSITIVITY TEST
- RECOVERY TIME AFTER GLARE TEST OD/OS

The fitness for driving report is generated at the end of the exam (available in PDF on a USB pen drive, by Bluetooth to your smartphone, or on a pre-filled in paper form).



AOC Mobile has everything you need to give the driver's license exam. Every component is designed for portable use:

- Tablet for patient with calibrated brightness 10.1" Retina Display
- Set of two LED lights for Glare Sensitivity Test
- Certified LED pen for Glare Recovery Time test
- Pre-filled fitness for driving documents
- IR remote control
- Tablet control console (optional) to check the instrument more easily and perform the near vision test, choosing from 40 tests, including reading, measurement, and vision quality
- Table and wall stand
- USB pen drive for free updates by internet
- Instrument and accessory carrying bag



# FAR VISION EXAMINATION

All tests are dynamic and interactive. The touch screen remote console makes it intuitive to control and easy to use its functions.

The child/illiterate and low vision exam modes help streamline clinical use.

**ILLITERATE**

**LOW VISION**

## TEST

**VISUAL ACUITY:** Sloan Letters, Landolt Rings (ISO 8596), Tumbling E, Numbers, Snellen Letters, HOTV, Pigassou Child Symbols, Playstation Child Symbols, Allen Preschool, Sloan Non Random Letters, Landolt C 4 symbols.

### OPTIONS



Single character



Single row



Single column



Red/green shapes



White/black inversion

### DISPLAY MODES



No crowding



Crowding

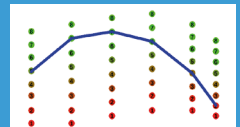


ETDRS

**ETDRS:** Tables 1, 2, R with contrast function. Three view modes: standard, IOL and mesopic. Illiterate mode and masking function.

**REFRACTION:** Myopia (Red and Green), Clock Dial, Points, Half clock, Astigmatism - Fan and Block, Grid test, Binocular Balance, Amsler's Grid.

**CONTRAST SENSITIVITY:** Small Letter Contrast test, Pelli-Robson @1m, Contrast Sensitivity - Gabor patches, Ishihara color blindness test. All the optotype charts have a contrast function at 0.15 Log steps.



**BINOCULAR VISION:** Points of Fix, Worth Four Dot test, Schober test, Sheard test, Phoria & Associated Phoria tests, Aniseikonia, OXO - Mallet test, Random dots Steps/Hand, Osterberg Stereo 2/4, Duochrome, Pictures for Retinoscopy.

**MKH:** Cross test, Pointer test, Rectangle test, Stereo Triangle, Balance test, Differential D6/D8 stereo test, Stereo test, Cowen test.

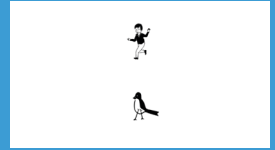
# Examples:



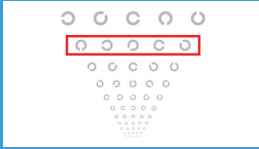
Sloan Letter



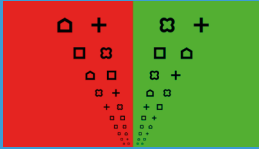
Tumbling E with single character masking



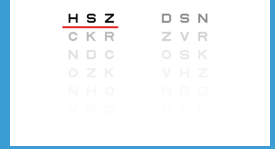
Illiterates / children chart with vertical masking



Landolt C with contrast and crowding



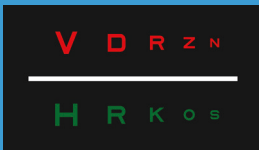
Test with red-green shape



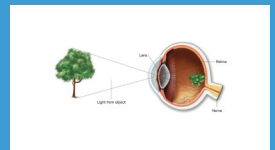
Small Letter Contrast test



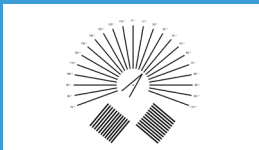
ETDRS with IOL view mode



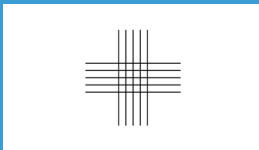
Binocular balance



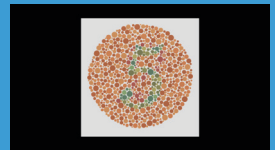
Eye Pictures



Astigmatism Fan and Block



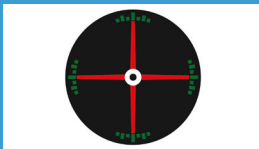
Grids



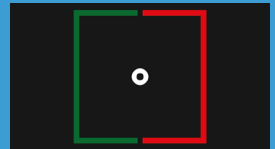
Ishihara 25 plates



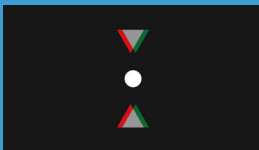
MKH Cross



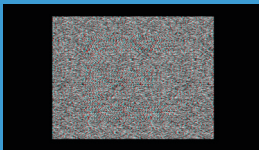
MKH Indicator



MKH Coincidence



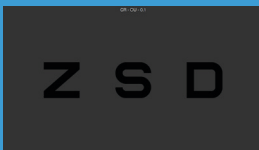
MKH Stereo triangle



MKH Random dot



Visual Acuity OD/OS (\*)



Twilight Vision OU (\*)



Contrast Sensitivity OU (\*)

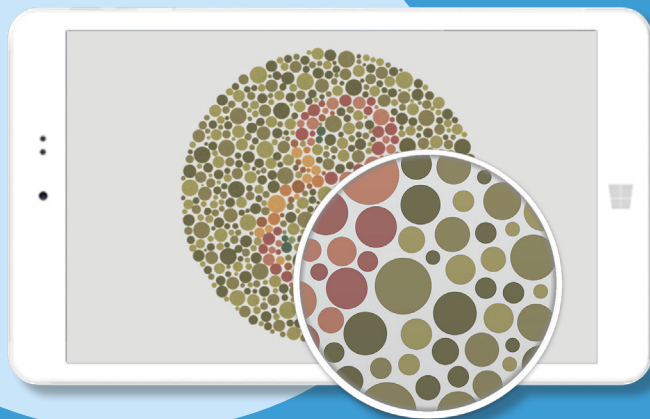
(\*)  
Driver  
license test  
with automatic  
procedure.

# EYE EXAMINATION FOR NEAR VISION (NOC)

To meet the needs for a complete vision examination, the instrument set includes a Near Ophthalmic Chart (NOC) in the control console.

The near digital optotype uses an 8" Retina Display monitor. In keeping with high scientific standards, it gives over 40 tests, divided into reading, measurement, and quality of vision tests.

There are also ETDRS 1, 2, and R charts for video terminals (70 cm examination distance) and two tests for assessing reactions to simple stimuli (light and sound).



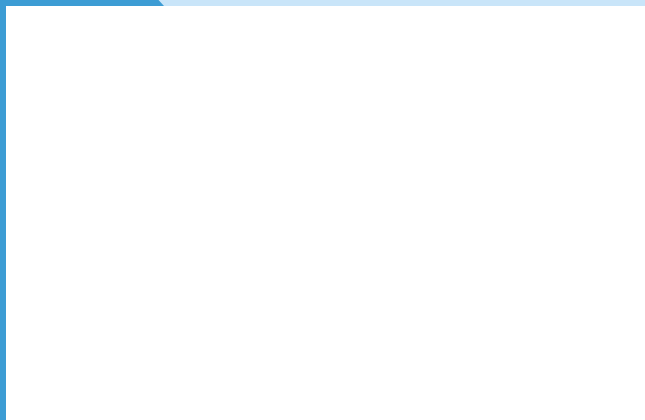
Higher resolution than  
iPad Air screen!

# AOC MOBILE TECHNICAL SPECIFICATIONS

Model name	AOC Mobile
Screen	10.1" Retina
Display technology	IPS 16.7M colors, contrast 1000:1, LED backlight stereoscopic test in red-green mode
Brightness	Dynamic and calibrated background and foreground illumination, up to 400 cd/m2
Working distance	0.4 - 5m, step 5 cm
Remote controls	Yes, IR standard equipment, Remote console 8" tablet with Near Vision Tests included (optional)
Programs	VA, R, CS, BINO, Preferred Driver's license with automatic examination
View Modes	Standard, Child / Illiterate, Low Vision
Software	Linux embedded, Advanced Antialiasing System (AAS) Log in: up to 3 users Free software updates
Table standing and wall mount	Yes, accessories included.
Shoulder bag dimension	30x20x10 cm
Accessories	Led lights for driver's license, paper reports, IR remote control, software updates, charger, table bracket, wallmount stand, shoulder bag
Regulatory	CE marking: compliant to 93/42/EEC directive (class I) UNI EN ISO 8596-8597, 2006/126/CE, 2009/113/CE
Languages	Deutsch, English, Español, Français, Italiano



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Advanced Ophthalmic Chart Mobile