

Optovist.



Optovist – Thinking Your Ideas Ahead.

OPTOVIST – The eye test innovation.

Optovist fulfils almost all of your wishes that you have associated with a modern vision screening instrument for a long time. The patented technology opens completely new dimensions for screening visual functions.

State-of-the-art optotype display technology.

Software generated optotypes are shown on a special high-resolution display. Thus, Optovist is able to adjust to new testing requirements in no time at all. The type and number of optotypes, visual acuity steps and optotype plates is almost unlimited.

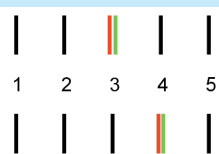
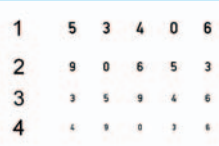


- Unlimited variety of optotypes
- Easy generation of individual test series
- Contrast test based on scientific findings
- Glare sensitivity test

Default test programs.

- VDU test programs with Landolt-rings, letters and numbers
- Drivers test with Landolt-rings, letters and numbers
- Contrast and glare sensitivity test
- Class 2 pilots
- Accommodation
- Visual field test
- Screening for latent hyperopia

Optotypes



Landolt rings in accordance with EN ISO 8596, DIN 58.220 Part 5 and 6 in visual acuity steps of 1.6 - 1.25 - 1.0 - 0.8 - 0.7 - 0.63 - 0.5 - 0.4 - 0.32 - 0.25 - 0.1

Numbers in visual acuity steps of 1.6 - 1.25 - 1.0 - 0.8 - 0.7 - 0.63 - 0.5 - 0.4 - 0.32 - 0.25 - 0.1

Letters in visual acuity steps of 1.6 - 1.25 - 1.0 - 0.8 - 0.7 - 0.63 - 0.5 - 0.4 - 0.32 - 0.25 - 0.1

Binocular tests: Any number of stereo tests and a proven phoria test based on the red green method.

Color vision test: Large selection of color test plates.

The way to save time.

The „glasses-compatible“ vision-screening.

When taking into account that the number of people wearing glasses increases year by year, the need for a glasses compatible vision-screener becomes clear. Particularly with wearers of progressive glasses - today some 30% of all sold glasses are progressive glasses -

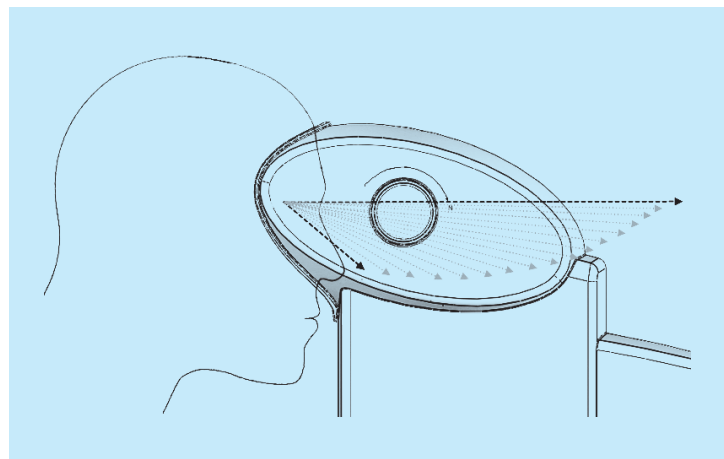
much time can be lost when using outdated vision screening instruments.

The steplessly variable inclination of the eye test plate helps with wearer of multifocal, everyday and computer progressive glasses to carry out the eye test in a way adjusted to each type of glasses.



The “physiologically correct“ vision test.

You test according to the physiology of viewing, i.e. for distance tests the viewing direction points straight horizontally. When testing medium and near distances, the inclination of the test field becomes relevant.



The „workstation-oriented“ vision test.

Optovist and its test distances, which can be varied between 33 cm and optically infinite, enable you to simulate almost every workstation situation. Thus, you can test in a genuinely „workstation-oriented“ way.

The „ergonomic“ vision test.

You do not only talk about ergonomics at work but also carry out your vision test based on ergonomic aspects. By means of the electric height adjustment, you can quickly bring your subject into the necessary test position.



Simple operation, easy to delegate.

Alternative operation options.

Depending on what you prefer, you can work either with a PC, a notebook or a small touchpad.

Intuitive operator guidance.

In order to keep the eye test as flexible as possible, the software largely dispenses with compulsory entries. For example, an eye test can immediately be started without registering the subject data. The screen masks are clearly arranged and self explanatory.

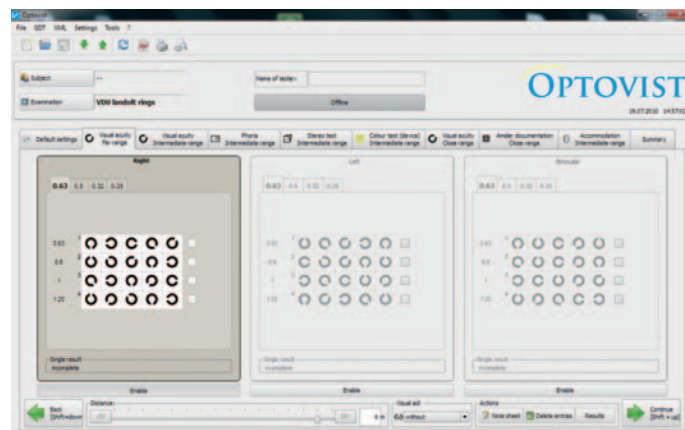
Not only the results of a test are stored but all test details. Thus, the doctor can always retrace how a test result has come about.

Create highly individual test series.

By means of a sequence editor you can create your own test programs or modify default test series according to your preferences. Over 100 test images are available for the visual acuity test alone.

Diverse communication options.

- Data transfer to external data management programs by GDT, XML or CSV
- Automatic PDF generation
- Embedded SQL database
- Database manager
- Clearly arranged printout of results with your logo

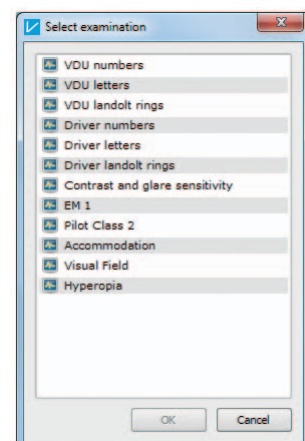


User quotations.

„We have such a great vision screener. The summary is a wonderful basis for the subsequent consultation and it is absolutely ideal for wearers of glasses - I think the thing is brilliant!“

„... have worked with it during a whole day for the first time, it gives the eye test a completely new quality.“

„What is great and brilliant is the progressive glasses adjustment with the knob on the side, I have never been able to test the subjects in that stress-free and reliable way.“

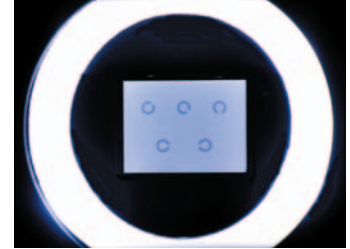


OPTOVIST – Special features.

Sensible: contrast and glare sensitivity test.

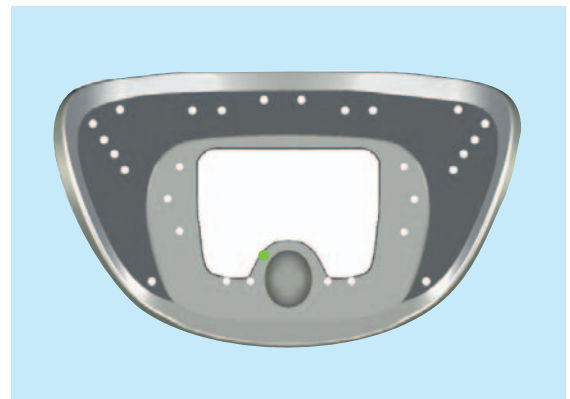
Even with a good visual acuity, the contrast vision can be reduced and the glare sensitivity can be increased. Such deficits are often only noticed under bad lighting and visibility conditions.

You can test these functions under standardized daylight conditions and reliably discover media opacities, as a study by Tübingen Ophthalmic University Hospital has demonstrated.



Optional: orientating visual field test.

For a roughly orientating perception test, the Optovist EU variant offers a test with 28 LEDs that are integrated in the instrument viewer.



Mobile, lightweight and safe.

In order to enable you to comfortably cover longer distances, a durable trolley case is available. It offers space for the instrument including the power supply unit, the touchpad or a netbook.

All those who wish their bag to be as light as a feather can use the protective case that is included in the scope of supply of the trolley.



Optovist – Technical data.

Instrument types:

Optovist basic unit
Optovist EU basic unit

Dimensions and weights:

	Width	Depth/Length	Height	Weight
Optovist	245 mm	444 mm	397-523 mm	4,84 kg
Power supply unit	56 mm	131 mm	37 mm	0,50 kg
			Total weight	5,34 kg
Accessories (optional):				
Trolley	305 mm	510 mm	480 mm	4,60 kg
			Total weight	9,94 kg
Touchpad	145 mm	238 mm	35 mm	0,64 kg
			Total weight	10,58 kg

Electric data:

Supply voltage: 100 - 240 V Alternating current 47 - 63 Hz
max.1,62 - 2,62 A

Output voltage: 24 V / 47 - 63 Hz / max. 2,62 A

Protection class II, Device type BF

Subject to technical and design changes.

Your PC must meet the below requirements:

Processor:	800 MHz or higher
Free RAM:	256 MB oder more
Free hard disk:	min. 60 MB
Interface:	one free USB port
Graphics card / screen:	min. resolution of 1024 x 600
Drive:	CD-ROM or DVD
Operating system:	Microsoft Windows XP, Windows Vista, Windows 7

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