

Anomaloscope Neitz OT-II



- ***The Anomaloscope model OT-II is very easy to handle.***
- ***it is used to detect and differentiate red-green color vision defects.***
- ***The abnormal quotient (A.Q.) is displayed digitally.***

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The anomaloscope OT-II is used to detect and differentiate red-green color vision defects. Its more compact size (approx. 20% less than former model OT), and lighter weight (40% less), make it more portable, conserving valuable table space.

High reliability of color-mixture and monochromatic control done by the special electric circuit which controls the brightness of light-emitting diodes without a complicated slit mechanism.

No increase of temperature even after over periods of extended use as light-emitting diodes are used as light source. No cooling fan is needed.

Since both light emitting diodes and interference filters are used for producing color-mixture field (red and green) and monochromatic field (yellow), wave lengths of the three colors are constant.

This is the big advantage in comparison with the method of using direct vision spectroscopy.

The abnormal quotient (A.Q.) is displayed digitally. Digital display of color-mixture and monochromatic figures helps easy scale reading and avoid misreading.



Technical Details:

Dimensions (WxDxH)	125 x 371 x 323 mm
Weight	4,5 kg
Ocular adjustment	- 8 to + 7 D
Field of View	2° / 10°
Wave lengths (+/- 2 nm)	671 nm (red) 546 nm (green) 589 nm (yellow)

Test results have been proved to coincide with those of Neitz Anomaloscope OT. (Ohta, Y, Professor of Tokyo Medical College and others: The test results of Anomaloscope obtained by use of both light emitting diodes and interference-filters. Acta Soc. Ophthalm. Jpn., 83: 12, 1989)