

NIDEK INNOVATION

PROVIDING SALES AND SERVICE FOR OPHTHALMIC LASERS, REFRACTIVE LASERS, AND MANY ADVANCED DIAGNOSTIC DEVICES.

October 10, 2016

NIDEK, a global leader in laser and diagnostic instrumentation for the eye care industry, is pleased to announce that the United States Food & Drug Administration (FDA) has issued 510 K Clearance for the MP-3 Microperimeter. With FDA clearance, the MP-3 is now available in the USA.

Assessment of retinal morphology has advanced significantly due to the introduction of Optical Coherence Tomography into clinical practice. Advances in the functional evaluation of retinal pathology are due to the use of the microperimeter. The MP-3 measures local retinal sensitivity for functional assessment of the retina. The results can be displayed over a color fundus image, correlating retinal anatomy to retinal function.

For enhanced clinical assessment, the MP-3 now includes a wider range of stimulus intensity, from 0 to 34 dB, compared to the MP-1. The MP-3 measures perimetric threshold values, even for normal eyes. A maximum stimulus luminance of 10,000 asb allows evaluation of low-sensitivity.

The NIDEK auto tracking and auto alignment functions may provide more accurate measurements increasing patient and operator comfort and efficiency. These functions allow easy follow-up and reduce variations between examiners, resulting in well-aligned follow up exams.

Retinal morphology can be evaluated with the 12-megapixel fundus camera included in the MP-3 unit which acquires high resolution images of retinal pathology and allows easy image acquisition.

About NIDEK:

Founded in Gamagori, Japan in 1971, NIDEK continues to be a global leader in research and development, design, manufacture and distribution of ophthalmic equipment. The United States subsidiary based in Silicon Valley, California, provides sales and service for ophthalmic lasers, refractive lasers, and many advanced diagnostic devices.

Caution: U.S. Federal Law restricts this device to sale, distribution, and use by or on the order of a physician or other licensed eye care practitioner. Specifications may vary depending on circumstances in each country. Specifications and design are subject to change without notice.

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