

OPTI Munich – The International Trade Show for Optics and Design

13th to 15th of May-

Impression No. 3

Opticians with whom SWV spoke to at OPTI mentioned how impressed they were with the precision of the refraction and screening equipment shown at OPTI. They were very pleased as to how problem free the equipment is to use and how potential measurement errors can be avoided.

The top of the range OCT (Optical Coherence Tomography) shown by Visionix, the Optovue Solix, is an example. The images, even for a person not trained in looking at medical images, are of a staggering precision. In total Visionix showed three OCTs on their stand, one was less expensive than the Solix, with less functions and one is completely automated.

Visionix recently acquired Optovue, a US based manufacturer of high-end optical equipment. The main brand of the total company now is Visionix. The product families will keep their names under the main brand. Persons wanting information on products from Briot, Weco, Luneau Technology, Optovue and Nextsight will in future have to go to the Visionix website.

There is a great deal happening in the field of Optical Equipment not only on the hardware side but also on the software side especially in regard to connectivity. Ipro and Amparex had a stand next door to each other. The owner of these two companies is Flex Capital. Amparex started by developing software for hearing aid retailers. They then expanded into providing software, which is charged for monthly to optical retailers. One of the strengths of IPRO according to a senior manager is the ability to interconnect equipment in an optical outlet. New developments are being carried out between the two companies.

Epitop-medical demonstrated their Version 4. The objective is to use trained persons in optical outlets to carry out the sight test and the screening of the eye. A qualified medical person at another location is connected to the process. He/she is able to access the results and provide a final diagnosis. Source: epitop-medical.com.

Brains for Hire were offering a similar but slightly simpler process using Artificial Intelligence. A photograph of a scan of the eye is uploaded onto an Internet platform. This scan is analysed using artificial intelligence and if the results seem to warrant a visit to an Ophthalmologist a recommendation is given (info@brainsforhire.eu).

The company has presented its new 2022 concept, the Evolucare OphtAI. A 45° digital fundus image in colour is the basic requirement. Artificial intelligence evaluates the image, which has been uploaded, in seconds. AMD, glaucoma and diabetic retinopathy are just a few of the retinal pathologies that are recognised and evaluated. The advantage over the usual telemedicine, where you have to wait up to several days for the evaluation of the measurement results, is time. Access to the ophtAI programme is via the Internet and can be tested there free of charge.

Mei was demonstrating a blocker-free automated process the Mei EasyFit Trend. The demonstration was very impressive. The equipment is aimed at opticians and cut edge and fit laboratories. The machine uses milling technology to cut the lenses to the shape of the frame. It does not use water, and pads are no longer needed. "Total quality control" is integrated in the equipment, the built-in measurement tools check the optical parameters needed and reduce the need for further quality control steps.

Source: <https://easyfit.meisystem.com/de-at>

