Fact Sheet
ZEISS Vision Care

ZEISS VISUREF 1000 at a glance

What is ZEISS VISUREF 1000?	ZEISS VISUREF 1000 is a multifunctional refraction device that integrates classic wavefront autorefraction with advanced technologies for comprehensive eye care. It features a fundus camera, tonometer, and essential monitoring tools for both anterior and posterior segments of the eye. It also offers a full range of clinical applications: From cornea to retina, it can detect major defects and pathologies like dry-eye, keratoconus, cataract, glaucoma, nevus, diabetic retinopathy, and retinal hemorrhage.
What kind of measurements does ZEISS VISUREF 1000 offer?	The device offers anterior as well as posterior segment analyses. Anterior segment analysis ▪ Advanced objective refraction: Through Shack-Hartmann wavefront technology, ZEISS VISUREF 1000 provides objective day and night refraction measurements and enables the measurements of lower-order and higher-order aberrations. ▪ Corneal topography: ZEISS VISUREF 1000 evaluates and monitors corneal pathologies like dry eye disease and keratoconus, utilizing Shack-Hartmann wavefront technology combined with topographer Placido rings and an external color camera. ▪ Eye transparency and shape: Shack-Hartmann wavefront technology combined with topographer Placido rings, a Scheimpflug camera and a retro illumination capacity allows for the visualization of lens opacities to examine and monitor cataract. Posterior segments analysis ▪ Glaucoma: ZEISS VISUREF 1000 provides data such as tonometry, iridocorneal angles, fundus, and cup to disc ratio to identify patients with possible glaucoma through a fundus camera, a Scheimpflug camera and an integrated tonometer. ▪ Retinal pathologies: Eye care professionals can screen the consumer's retina using the fundus camera.
Is it possible to provide a remote consultation with ZEISS VISUREF	ZEISS VISUREF 1000 is designed to enhance efficiency and improve analytical capabilities for eye care professionals,

1000?	facilitating collaborative care. The examination results and images can potentially be shared remotely allowing for remote consultation by ophthalmologists. The availability of this service varies by market.
When will ZEIS VISUREF 1000 be available?	From summer 2025 ZEISS VISUREF 1000 will be available in Germany, Austria, and Switzerland and it will gradually be offered in other markets worldwide.

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