



VISUREF 100
Autorefractor/Keratometer

Premium vision starts with premium diagnostics



We make it visible.

A valuable addition to your practice

20. spalvotas ekranas



What you face every day

When taking care of patients, every minute is valuable. There is no time for dealing with complex systems. Still, you need diagnostic data that is reliable and accurate, no matter what.

Especially for the very first step in vision care: the refraction/keratometric evaluation.

How we can help

The VISUREF 100 from Carl Zeiss – a straightforward, easy-to-use diagnostic instrument provides highly accurate and reliable data for your daily practice routines.

Easy to set-up and use, the VISUREF 100 can be operated after only a short training period. Intuitive handling features let you conduct the most important measurements with one device, including contact lens base curve, pupil and iris diameter evaluations. Refraction measurements of patients with implanted IOLs are also possible. Additionally, the automatic fogging incorporates an infinity scene to reduce the effects of accommodation.

As such, the VISUREF 100 quickly becomes a valuable part of your practice environment, adding more precision and reliability to your vision care – right from the start.



Highlights at a glance

Motorized chinrest

Conveniently operated by two buttons next to the joystick, the motorized chinrest lets you quickly and comfortably position the patient.



20. Tilttable 6.4 inch TFT display Pakeliamas 6,4" TFT ekranas

Diagnostic information is clearly displayed in excellent contrast and resolution on the adjustable TFT monitor. Featuring a tilt range of 20°, it can be pakelimo kampo sritis 20 adjusted for individual user viewing preferences.



Quick release brake

Within easy reach of the joystick, the quick release break can be used to disable the XY movement of the instrument base. It helps you to comfortably position the instrument and increase the ease of use when the patient is seated.

Additional port for external monitor

With the external video port, you can easily connect an additional monitor to further support your patient's education.



Key benefits for you and your patients

- Accurate and reliable data for high quality patient care
- Convenience in measurement and handling
- Transparent information and clear visibility for data analysis
- Patient comfort through ergonomic design



Technical data

5 different operation modes

1.
 - REF-KER successive (RK) REF-KER Refrakcija – keratometrija
 - Refraction (REF) Refrakcija (REF)
 - Keratometry (KER) Keratometrija (KER)
 - Contact lens base curve (CLBC) Kontaktinių lęšių bazinė kreivė (CLBC)
 - IOL mode for measurement of pseudophakic eyes IOL režimas pseudofakinių akių matavimui

Refraction	Refrakcija	žingsniai
2. Sphere (SPH)	Sfera	-25 D to + 22 D in 0.12/0.25 D increments 4.
3. Cylinder (CYL)	Cilindras	0 D to ± 10 D in 0.12/0.25 D increments 4.
5. Axis (AX)	Ašys	1° to 180° in 1° increments 6.
8. Pupil Distance (PD)		10-85 mm Tarpvyzdinis atstumas
7. Min. Pupil Diameter		ø 2 mm
Keratometry	Keratometrija	žingsniai
11. Corneal Curvature		5.0-10.2 mm in 0.01 mm increments 12.
13. Corneal Refraction		33 D to 67.5 D in 0.12/0.25 D increments
14. Corneal Astigmatism		0 D to -15 D in 0.12/0.25 D increments 15.
16. Axis Ašys		1° to 180° in 1° increments 17.
		žingsniai
18. Corneal Diameter	Ragenos diametras	2.0-12.0 mm in 0.01 mm increments 19.
9. Vertex Distance		0.0, 10.0, 12.0, 13.5, 15.0 mm
22. Chinrest Movement		65 mm motorized Atramos smakruvi eiga - 65 mm motorizuota
21. Printer	Spausdintuvas	Thermal, integrated Terminis, integruotas
23. Connectivity	Pajungiamumas	1 x RS232, 1 x USB, 1 x ext. video
Power Supply		AC 100V - 240 V, 50/60 Hz
Dimensions, Weight		275 x 525 x 440 (WDH), 20 kg



Ragenos kreivumas
Ragenos refrakcija
Ragenos astigmatizmas

VISUREF 100 delivers accuracy and reliability right from the start

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