

ENGLISH

iCare IC1000



Precision made effortless

For better perception **icare**

iCare IC1000 tonometer

Built on the trusted legacy of iCare tonometry, the iCare IC1000™ tonometer evolves IOP measurement. Clinical precision combined with intuitive, guided operation delivers fast, simple, and reliable results.

GuideCam™ and AUTO Mode work together to instill confidence, offer exceptional ease of use, and provide efficiency that clinical environments demand.



Benefits at a glance

-  Guided measurement: GuideCam, AUTO Mode and Quick Measure supporting intuitive and consistent IOP acquisition.
-  Flexible examination: from upright sitting or standing positions to supine, including reclined positioning.
-  Effortless daily use: no anesthesia, air puff or calibration; intuitive touchscreen and ergonomic handheld design.
-  Connected workflow support: measurements stored in the device and transferable to iCare ALTIUS Cloud Solution where available.

Clinical precision beyond operator experience



iCare IC1000 with GuideCam alignment technology actively guides the operator to the correct measurement position, helping reduce variability and supporting consistent results across users.

iCare IC1000 demonstrates strong correlation with established reference methods without the need for anesthesia, air puffs, or calibration.



iCare IC1000 with GuideCam alignment technology.

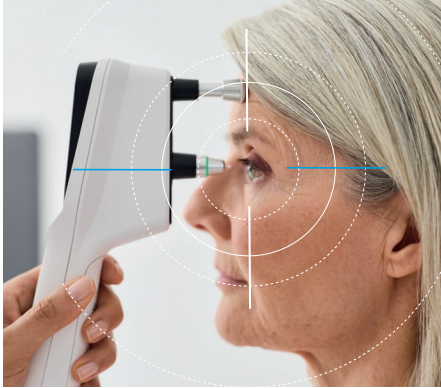


Designed for **high-volume clinical workflow**

AUTO Mode triggers measurements automatically once correct positioning is confirmed by GuideCam, streamlining acquisition and supporting high patient throughput.

Quick Measure mode delivers results with fewer rebounds, giving clinicians the flexibility to adapt to every situation.

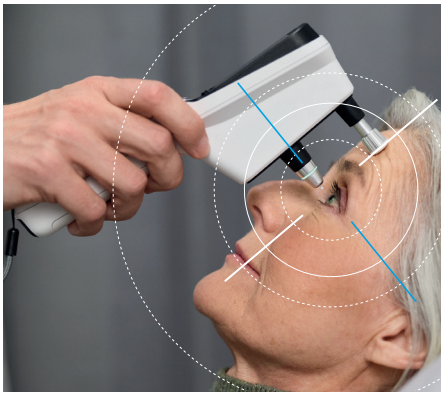
The iCare IC1000 SmartCradle charges the device between uses while enabling digital connectivity to the cloud-based iCare ALTIUS solution. This provides centralized access to patient lists and automatic transfer of IOP data, helping streamline workflows and improve day-to-day operational efficiency.



Effortless operation designed for patient comfort

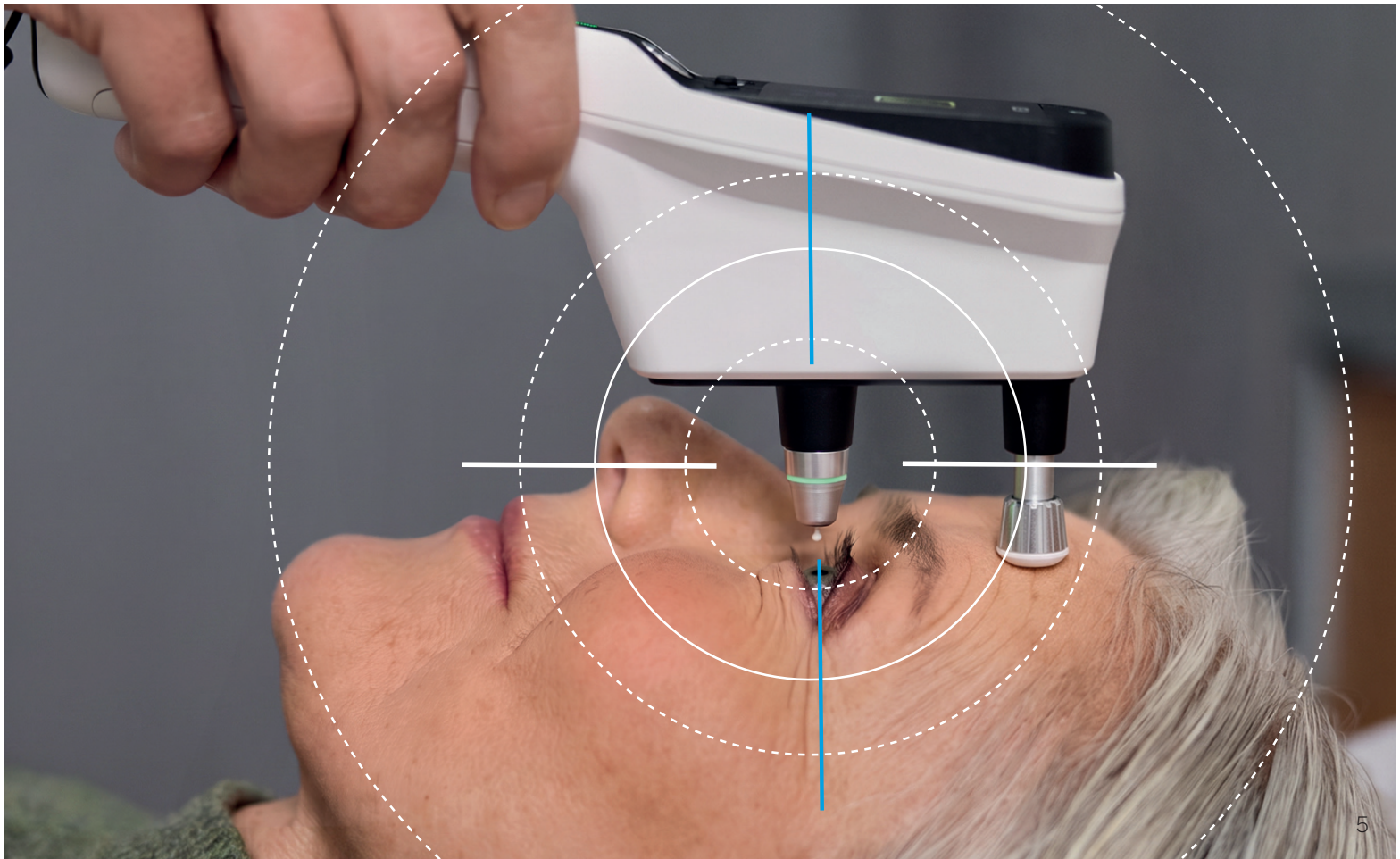
The gentle, momentary touch of the single-use probe is harmless to the cornea and barely noticeable, making the iCare IC1000 suitable for a wide range of patients.

The device enables IOP measurements in different patient positions, including supine, offering enhanced flexibility during the examination.

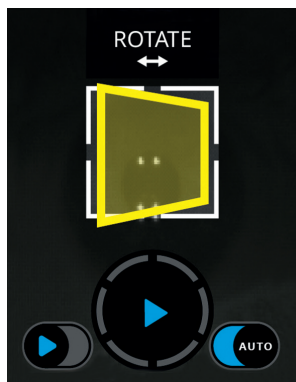


Ergonomic design and balanced feel make iCare IC1000 instinctive to handle, supporting ease of use in daily clinical practice.

Supine measurement supported.

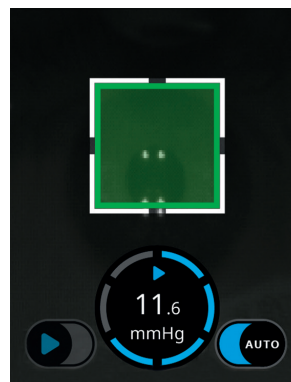


Key features and benefits



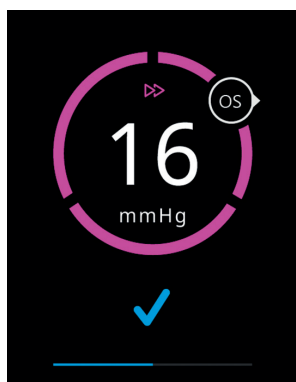
GuideCam alignment technology

Guides correct positioning including inclination and distance and enables AUTO Mode, reducing operator variability and the need for repeated measurements*.



AUTO Mode

Measurements trigger automatically with correct positioning, eliminating alignment guesswork.



Quick Measure mode

Enables faster IOP acquisition in challenging measurement conditions.



SmartCradle Connectivity

SmartCradle supports a more connected tonometry workflow with iCare ALTIUS, including patient-linked worklists, automatic IOP data transfer and convenient review where available.



Lightweight, single-use probes

Save time and reduce cross-contamination risk with single-use probes that do not require anesthetic or disinfection.



Rechargeable battery

Ensures continuous, uninterrupted clinical routines.

*See the IFU chapter Take a Measurement for more information.

Technical data

iCare IC1000	
Type	Tonometer: TA032
Dimensions (length x width x height)	Tonometer: 118 x 50 x 213 mm SmartCradle: 165 x 124 x 84 mm ChargingCradle: 165 x 124 x 84 mm
Weight	Tonometer: With battery: 240 g / Without battery: 195 g SmartCradle: 725 g ChargingCradle: 700 g
Power supply	Tonometer: Li-ion battery, rechargeable 3.6-3.7 V/3350-3500 mAh. Replaceable by the user. Available from the manufacturer: BAK Battery BAKTH 18650CR-1S-CT Commercially available: Keppower P1835J, Jauch LR1865HB, Nitecore NL1834, Fenix ARB-L18-3400 Cradle: AC/DC medical power supply, model no: GEM12I05-USB or GMPU12UI-1-USB Input: 100-240VAC, 50/60Hz, 0.4-0.2A Output: 5V = 2.4A, 12W MAX Mains isolation device: medical power supply with regional plug
Measurement range	7-50 mmHg
Accuracy	± 1.2 mmHg (≤ 20 mmHg) and ± 2.2 mmHg (> 20 mmHg)
Repeatability	< 8 % (coefficient of variation)
Accuracy of display	0.1 mmHg
Display unit	Millimeters of mercury (mmHg)
Supported printer model	Epson TM-P20II Mobile Series (Bluetooth models)
Mode of operation	Continuous
Use classification	Multiple patient multiple use
IP classification	IPX0 (device is not protected against liquids)

iCare IC1000 requires either SmartCradle or ChargingCradle*.

Both options keep the device charged and ready for use, while SmartCradle adds advanced capabilities.

	IC1000 SmartCradle	IC1000 ChargingCradle
Charging capability	✓	✓
LAN connectivity (Ethernet and Wi-Fi)	✓	
Bluetooth connectivity	✓	
Remote software updates	✓	
iCare ALTIUS integration	✓	

*Upgrade from ChargingCradle to SmartCradle available.

iCare. For better perception.

iCare is a trusted partner in ophthalmic diagnostics, offering physicians fast, easy-to-use, and reliable tools for diagnosis of glaucoma, diabetic retinopathy, and macular degeneration (AMD). Our devices cover automated fundus imaging systems, perimeters, and handheld rebound tonometers. iCare Solutions provide digital clinical tools that drive greater efficiency and enhance quality in eye care.

We believe that ophthalmic care must be accessible, effortless, and reliable, and our aim is to establish the next level of eye care.

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