BRUMABA
OPERATING TABLE SYSTEMS

General catalogue
Operating chairs and stools

Ergonomic seating comfort
and concentrated work

brumaba.com

Operating chair
BALANCE

Operating chair
BALANCE ADVANCE

BRUMABA Operating Chairs and Stools:
An Investment in Your Health

For surgeons and healthcare professionals, maintaining an ergonomic sitting posture is essential not only for comfort but also for professional efficiency. Especially during long and demanding procedures, proper ergonomics promote better blood circulation, enhanced concentration, and reduced muscle tension and fatigue.

BRUMABA surgical stools and chairs are designed to adapt flexibly to individual body measurements, serving as an ideal complement to our operating tables. Their ergonomic design promotes a back-friendly posture, minimizing physical strain during surgeries and assisting roles—a sustainable investment in both your personal health and that of your team.

Your benefits:

- Optimal back support with infinitely adjustable back sections
- Precisely adjustable armrests for optimal support during surgeries and treatments
- Patented ergonomic seat surfaces for consistently secure and comfortable seating
- Individually adjustable seat tilt angle for healthy blood circulation in the legs
- Maintaining a sterile working environment with foot-adjustable seat height

Investing in BRUMABA operating chairs and stools ensures not only comfort but also supports your long-term health and professional performance.

Optimal
back support
Multi-functional
armrest
Ergonomic
seat
Vein-friendly
sitting

BALANCE PLUS F

The BALANCE PLUS features adjustable armrests for optimal comfort and hygiene.

- Height and length of armrests can be customized to prevent tired arms
- Made of high-quality manmade material, the armrests are easy to clean and maintain high standards of hygiene
- Plain black design complements any color version of the chair

BALANCE PLUS F
ART. NO. S3.10.13.511.0

9.3.1.P. Stabdis, centrinis, valdomas koja

BALANCE PLUS F&B (with brake)
ART. NO. S3.11.13.511.0

BALANCE SUPREME F

The BALANCE SUPREME is equipped with premium armrests that are padded and multifunctional.

- The armrests are adjustable in height, length, and can be moved to the side, providing a comfortable and customizable sitting experience
- Select the color of the armrest cushions to match the seat surface

BALANCE SUPREME F
ART. NO. S3.10.13.521.0

BALANCE SUPREME F & B (with brake)
ART. NO. S3.11.13.521.0

Technical data COMFORT F

Min. height	540 mm
Max. height	735 mm
Chair cross diameter	610 mm
Seat diameter	400 mm
Flexible height adjustment	510 - 710 mm

Available COMFORT models

COMFORT F

Height adjustment
by foot release

ART. NO. H3.10.11.100.0

COMFORT F/B

Height adjustment by foot release, with brake

ART. NO. H3.11.11.100.0

COMFORT SWING F

With COMFORT SWING seat cushion, height adjustment by foot release

ART. NO. H3.10.12.100.0

COMFORT SWING F/B

With COMFORT SWING seat cushion, height adjustment by foot release, with brake

ART. NO. H3.11.12.100.0

COMFORT H

Height adjustment by hand release

ART. NO. H3.10.31.100.0

COMFORT SWING H

With COMFORT SWING seat cushion, height adjustment via hand release

ART. NO. H3.10.32.100.0

Optionally
with brake

Height adjustment
with hand release

9.3.1.P. Stabdis, centrinis, valdomas koja

	BALANCE PLUS F	BALANCE PLUS F&B
Article number	S3.10.13.511.0	S3.11.13.511.0
Chair cross ø mm	610	610
Chair height mm	500-695	500-695
Height adjustment	Foot release	Foot release
Brake		•
Seat cushion BALANCE mm	460x420	460x420
Max. load	120 kg	

9.4.4.P. Nuo 50 iki 69,5 cm

9.4.1.P. Kėdės aukščio reguliavimas: centrinis, valdomas koja

	BALANCE ADVANCE F	BALANCE ADVANCE F&B
Article number	S3.10.13.531.0	S3.11.13.531.0
Chair cross ø mm	610	610
Chair height mm	555-745	555-745
Height adjustment	Foot release	Foot release
Brake		•
Seat cushion BALANCE mm	460x420	460x420
Max. load	120 kg	

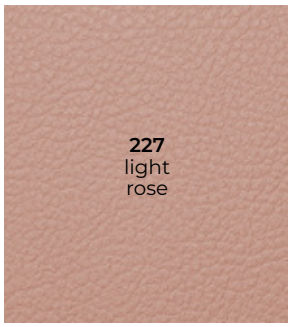
SLIM LINE	BALANCE ADVANCE SLIM F	BALANCE ADVANCE SLIM F&B
Artikelnummer	S3.10.23.641.0	S3.12.23.641.0
Sitzpolster in mm	400x360	400x360
Stuhlhöhe mm	490-630	490-630

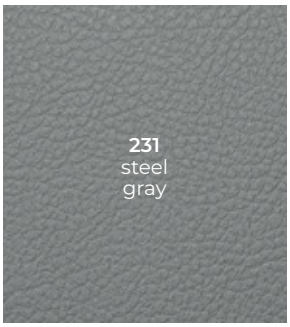
	BALANCE SUPREME F	BALANCE SUPREME F&B
Article number	S3.10.13.521.0	S3.11.13.521.0
Chair cross ø mm	610	610
Chair height mm	520-715	520-715
Height adjustment	Foot release	Foot release
Brake		•
Seat cushion BALANCE mm	460x420	460x420
Max. load	120 kg	

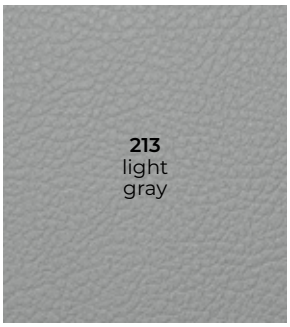
Unleash your creativity
35 vibrant cushion colors

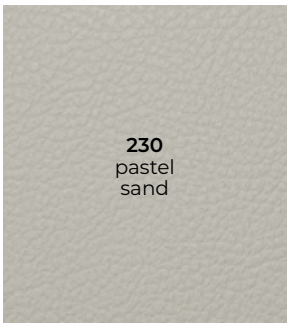
Our cushion colors are available for both operating tables and stools/chairs, allowing for seamless integration of your BRUMABA products into your operating room environment.

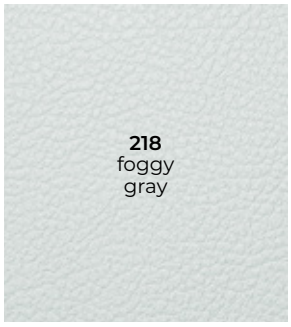
Scan QR code for further information

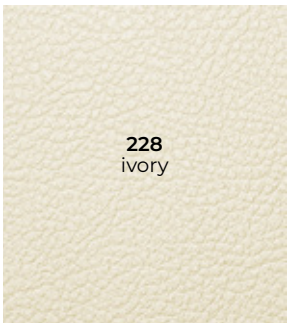


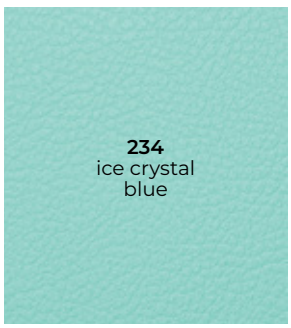


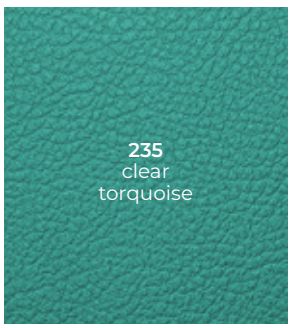


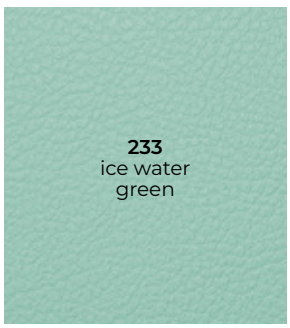


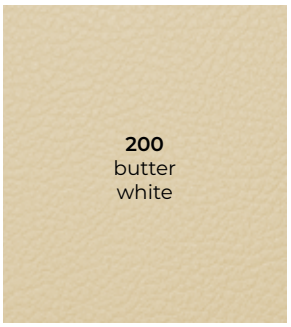


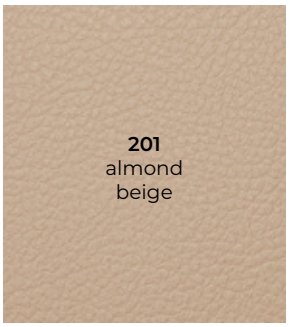


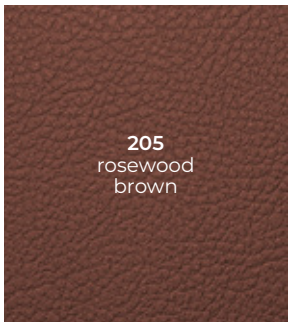


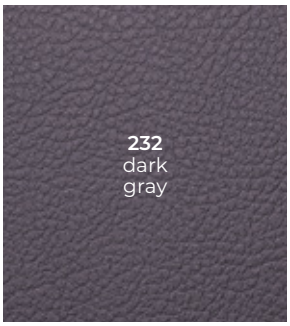


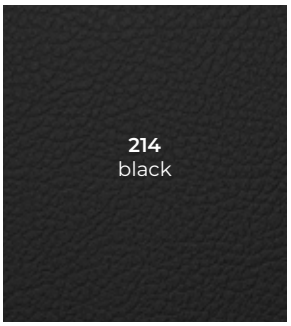


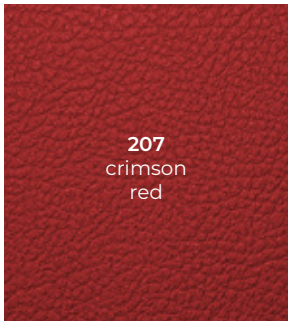












Electrically conductive

This material meets all necessary standards for use in an operating room.

Color swatches may differ from the original color tone.

Designation	Balance F	Balance F/B	Balance F rund 400	Balance F/B rund 400	Designation	Balance plus F	Balance plus F/B	Designation	Balance Advance F	Balance Advance F Slim	Balance Advance F/B	Balance Advance F/B Slim	BALANCE-ADVANCE F kurze Gasfeder
Item number	S3.10.13.501.0	S3.11.13.501.0	S3.13.10.301.0	S3.11.13.301.0	Item number	S3.10.13.511.0	S3.11.13.511.0	Item number	S3.10.13.531.0	S3.10.23.641.0	S3.11.13.531.0	S3.12.23.641.0	S3.10.23.5310
5 ball bearing wheels, one electrically conductive	Ø 65 mm	Ø 65 mm	Ø 65 mm	Ø 65 mm	5 ball bearing wheels, one electrically conductive	Ø 65 mm	Ø 65 mm	5 ball bearing wheels, one electrically conductive	Ø 65 mm	Ø 65 mm	Ø 65 mm	Ø 65 mm	Ø 65 mm
Total weight +/- 1 kg	12,5 kg	15,6 kg	12 kg	15 kg	Total weight +/- 1 kg	15 kg	18 kg	Total weight +/- 1 kg	21,5 kg	22 kg	24,5 kg	24 kg	20,5 kg
Star base	Aluminum ADC 12, polished	Aluminum ADC 12, polished	Aluminum ADC 12, polished	Aluminum ADC 12, polished	Star base	Aluminum ADC 12, polished	Aluminum ADC 12, polished	Star base	Aluminum ADC 12,	Aluminum ADC 12,	Aluminum ADC 12,	Aluminum ADC 12, polished	Aluminum ADC 12, polished
Diameter star base	Ø 610mm	Ø 610mm	Ø 610mm	Ø 610mm	Diameter star base	Ø 610mm	Ø 610mm	Diameter star base				Ø 610mm	Ø 610mm
Height adjustment +/- 20 mm	500 – 695 mm	500 – 695 mm	515 - 710 mm	515 - 710 mm	Height adjustment +/- 20 mm	500 – 695 mm	500 – 695 mm	Height adjustment +/- 20 mm				490 – 630 mm	490 – 630 mm
Central brake - plate (stainless steel)		Ø 200 mm		Ø 200 mm	Central brake - plate (stainless steel)		Ø 200 mm	Central brake - plate (stainless steel)			Ø 200 mm	Ø 200 mm	
Height adjustment - plate (stainless steel)	Ø 275mm	Ø 275mm	Ø 275mm	Ø 275mm	Height adjustment - plate (stainless steel)	Ø 275mm	Ø 275mm	Height adjustment - pla			Ø 275mm	Ø 275mm	Ø 275mm
Inclination backrest +/- 3°	+6° / -16°	+6° / -16°	+6° / -16°	+6° / -16°	Inclination backrest +/- 3°	+6° / -16°	+6° / -16°			+6° / -16°	+6° / -16°	+6° / -16°	+6° / -16°
Tilting of backrest-upholstery +/- 5°	40°	40°	40°	40°	Tilting of backrest-upholstery +/- 5°	40°	40°	T		40°	40°	40°	40°
Height adjustment backrest +/- 10 mm infinitely adjustable	100 mm	100 mm	100 mm	100 mm	Height adjustment backrest +/- 10 mm infinitely adjustable	100 mm	100 mm	Height adjustment backrest infinitely adjustable	100 mm	100 mm	100 mm	100 mm	100 mm
Armrest	-	-	-	-	Armrest	Aluminum ADC 12, polished / PA6GF30 / integral foam	Aluminum ADC 12, polished / PA6GF30 / integral foam		Stainless steel with replaceable seamless cushion	Stainless steel with replaceable seamless cushion	Stainless steel with replaceable seamless cushion	Stainless steel with replaceable seamless cushion	Stainless steel with replaceable seamless cushion
Height-adjustment armrest +/- 10 mm	-	-	-	-	Height-adjustment armrest +/- 10 mm	100mm	100mm		105 mm	105 mm	105 mm	105 mm	105 mm
Width-adjustment armrest +/- 10 mm	-	-	-	-	Width-adjustment armrest +/- 10 mm	35 mm	35 mm		150 mm	150 mm	150 mm	150 mm	150 mm
Dimensions arm-pad (w x h x d) +/- 10 mm	-	-	-	-	Dimensions arm-pad (w x h x d) +/- 10 mm	90 mm x 25 mm x 230 mm	90 mm x 25 mm x 230 mm	Dim		110 mm x 45 mm x 400 mm	110 mm x 45 mm x 400 mm	110 mm x 45 mm x 400 mm	110 mm x 45 mm x 400 mm
Length-adjustment arm-pad +/- 5 mm	-	-	-	-	Length-adjustment arm-pad +/- 5 mm	± 30 mm	± 30 mm	L	155 mm	155 mm	155 mm	155 mm	155 mm
Angle range arm-pad +/- 5°	-	-	-	-	Angle range arm-pad +/- 5°	je Seite 30° drehbar	je Seite 30° drehbar	Angle range arm-pad +/- 5°	360°	360°	360°	360°	360°
Cover of seat and backrest:	SENSO, color	SENSO, color	SENSO, color	SENSO, color	Cover of seat and backrest:	SENSO, color	SENSO, color	Cover of seat and backrest:	SENSO, color	SENSO, color	SENSO, color	SENSO, color	SENSO, color
	Medistat electrically conductive, black	Medistat electrically conductive, black	Medistat electrically conductive, black	Medistat electrically conductive, black		Medistat electrically conductive, black	Medistat electrically conductive, black		Medistat electrically conductive, black	Medistat electrically conductive, black	Medistat electrically conductive, black	Medistat electrically conductive, black	Medistat electrically conductive, black
Tilting seat +/- 3°	+4° / -10°	+4° / -10°	0°	0°	Tilting seat +/- 3°	+4° / -10°	+4° / -10°	Tilting seat +/- 3°	+4° / -10°	+4° / -10°	+4° / -10°	+4° / -10°	+4° / -10°
Dimensions seat (w x h x d) +/- 10 mm	460 mm x 60 mm x 420 mm	460 mm x 60 mm x 420 mm	Ø 400 mm / T: 70 mm	Ø 400 mm / T: 70 mm	Dimensions seat (w x h x d) +/- 10 mm	460 mm x 60 mm x 420 mm	460 mm x 60 mm x 420 mm		x 60mm x 0mm	460 mm x 60 mm x 420 mm	460 mm x 60 mm x 420 mm	400mm x 60mm x 360mm	460 mm x 60 mm x 420 mm
Cushion	seamless	seamless	seamless	seamless	Cushion	seamless	seamless		seamless	seamless	seamless	seamless	seamless
Maximum load	120 kg	120 kg	120 kg	120 kg	Maximum load	120 kg	120 kg		120 kg	120 kg	120 kg	120 kg	120 kg

9.2.2.P. Antistatiniai

9.8.P. Kėdės svoris 18 kg

9.1.1.P. Pagrindas iš aliuminio

9.3.1.P. Centrinis

9.3.2.P. Pagamintas iš nerūdijančio plieno

9.3.3.P. Stabdis 20 cm diametro

9.4.3.P. Kėdės aukščio reguliavimas 27,5 cm diametro

9.4.2.P. Plokštė pagaminta iš nerūdijančio plieno medžiagos

9.5.1.P. Reguliuojama

9.5.2.P. Palinkimas nuo -16 iki +6 laipsnių

9.5.3.P. Pasvirimo kampas 40 laipsnių

9.5.4.P. Aukštis 10 cm

9.6.1.P. Pagamintos iš aliuminio medžiagos

9.6.3.1. Aukštis 10 cm

9.6.3.2. Plotis 3,5 cm

9.6.2.P. Išmatavimai 9x2,5x23 cm

9.6.3.3.P. Ilgis ±3 cm

9.7.P. Sėdimos dalies išmatavimai: 46x6x42 cm

9.9.P. Saugi apkrova 120 kg

tono-vera®
TONOMETER
TRULY OBJECTIVE TONOMETRY
Your guided view to precise IOP measurements
with ActiView™ Positioning System.
Reichert
AMETEK
17.4
OD
AUTO
18.1
OS
Reichert
AMETEK

Reichert
AMETEK
16.1
OD
AUTO
15.7
OS

12.2.P. Rankose laikomas skaitmeninis akispūdžio matavimo prietaisas su ekranu

Your guided view to precise IOP measurements.

Introducing the all-new Reichert® **Tono-Vera® Tonometer** featuring the advanced, patent-pending **ActiView™ Positioning System**, that quickly guides you to the apex of the cornea, giving you confidence in your intraocular pressure (IOP) readings. Tono-Vera automatically measures when aligned, providing more objective and repeatable results.

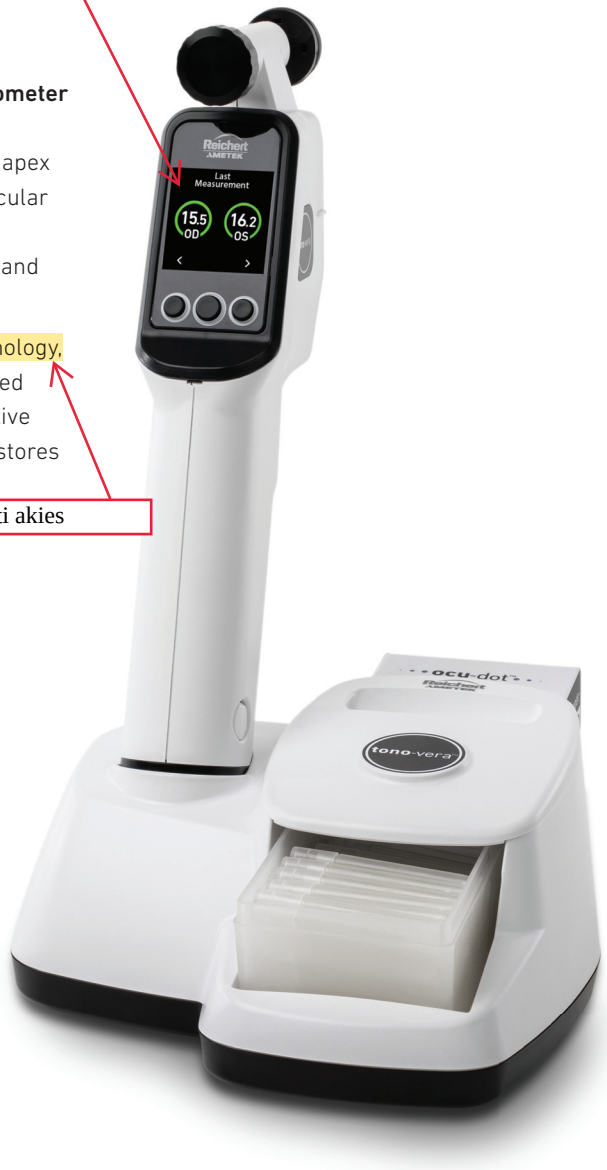
Tono-Vera utilizes gentle rebound tonometry technology, eliminating the need for topical anesthetic. Designed with the eye care professional in mind, the innovative Tono-Vera System includes a base that efficiently stores and dispenses **Ocu-Dot® Tonometer Probes**.

12.3.P. Matavimui nereikia nujautrinti akies

Reichert® is technology, tradition, and trust.

For over 75 years, Reichert has paved the way for continuous advancement in tonometry and glaucoma diagnostics. With the introduction of Tono-Vera, Reichert now offers the most comprehensive line of tonometry solutions.

Tono-Vera Tonometer is brought to you by the people who are passionate about eye care.



Reichert
AMETEK
17.4
OD
18.1
OS

Reichert
AMETEK
13.5
OD

A more objective measurement with ActiView™ Positioning System.

The Tono-Vera ActiView Positioning System features a full color view of the eye combined with intuitive, interactive alignment prompts to guide the user precisely to the apex of the cornea. When proper alignment is achieved Tono-Vera automatically measures, providing a result in as few as three measurements. Intuitive color-coded rings indicate the reliability of the reading.

12.10.P. Integruotas ekranas

All the important information, always on display.

1. FlexiSoft™ Forehead Rest
2. Bluetooth® Connectivity
3. Battery Status
4. Probe Angle Indicator
5. ActiView Target
6. Number of Measurements
7. Measurement Mode
8. OD/OS IOP Measurements
9. Select OD/OS Buttons
10. Multi-Function Select Button

12.4.P. Indikatorius, parodantis ar teisinga matavimo pozicija

12.2.P. Matavimo eiga ir rezultatai rodomi integruotame ekrane.

REORDER

Tono-Vera®, innovative and thoughtfully designed.

- Available in two models – Rechargeable or AA Battery. Rechargeable Model means fewer batteries in landfills and a device that is always ready to use. AA Battery Model goes anywhere and allows for a quick and easy battery change with no additional tools required. Rechargeable and AA Battery Packs are interchangeable, providing ultimate flexibility.
- Lightweight, ergonomic, and calibration-free.
- Included multi-purpose Tono-Vera Base docks and charges* your device while also conveniently storing and dispensing Ocu-Dot Tonometer Probes.
- Innovative FlexiSoft™ Forehead Rest has been designed for easy distance control and patient comfort.
- Bluetooth enabled, allowing for software updates and Electronic Health Record connectivity.
- Ready for the road with the durable and lightweight protective Carry Case.

Ocu-Dot® Tonometer Probes

12.9.P. Komplekte: matavimo zondų dėžutė-100 vnt matavimo zondų

Specially designed for Tono-Vera Tonometers, Ocu-Dot Tonometer Probes are single-use, individually packaged for fast and easy loading, and come in boxes of 100 count.

12.2.P. Matavimas atliekamas naudojant vienkartinius matavimo zondus

Specifications

Tono-Vera Tonometer Starter Kit - AA Battery
Tono-Vera Tonometer Starter Kit - Rechargeable
Ocu-Dot Tonometer Probes - 100 Count
Dimensions: 21.25 x 6.6 x 3.0 cm (8.4 x 2.6 x 1.2 in)
Display Dimensions: 2.8 x 2.8 cm (1.1 x 1.1 in)
Weight (without batteries): 120.3 g (4.2 oz)
Measurement Range: 5-60 mmHg (Display Range: 1-99 mmHg)
Accuracy: ±1.0 mmHg (5-20 mmHg), ±2.0 mmHg (21-60 mmHg)
Measurement Distance Range: 6 mm (±1.5 mm)
Power Source: Lithium-ion or Four AA Batteries
Languages: English, German, French, Spanish, Italian, Portuguese
Warranty: Two Years

12.12.P. Svoris 212,30 g (120,3 g be baterijų + 92 g baterijos)

12.5.P. Matavimo diapazonas nuo 5 iki 60 mmHg

12.6.P. Matavimo tikslumas +/- 1 mmHg (20mmHg)

12.11.P. Maitinimas: baterijos

* Rechargeable model only.

CE 1639

Improving eye care through continuous innovation.

Reichert is a global innovation leader in tonometry, offering a wide-range of tonometry options including **Reichert® 7CR Auto Tonometer** with Corneal Compensated IOP (IOPcc), **Ocular Response Analyzer® G3** with Corneal Hysteresis, the unique **Model 30™ Pneumatonometer** with tonography and ocular pulse amplitude, the award-winning **Tono-Pen AVIA® Tonometer** with QuickTap® Measurement Mode, and now the advanced **Tono-Vera Tonometer** with ActiView Positioning System.

Every day we bring American innovation and high-quality craftsmanship to our eye care diagnostic devices, sharing in your passion to provide patients with the best care and experience possible.

Tono-Vera is designed, engineered, and assembled in the USA.

Scan here to learn more or visit **reichert.com/tonovera**

This device may not be cleared for sale in all countries.

Reichert AMETEK

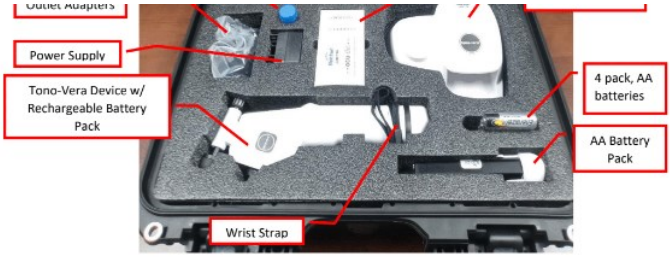
passionate about eye care

Reichert.com • Call Reichert toll-free at 1-888-849-8955 or +1 716-686-4500, or contact your Authorized Reichert Technologies® Distributor. Reichert, Inc. 3362 Walden Avenue, Suite 100, Depew, NY 14043 USA. Reichert, Reichert Technologies, Tono-Vera, Ocu-Dot, Tono-Pen, Tono-Pen AVIA, Ocular Response Analyzer, and ReichertSync are registered trademarks of Reichert, Inc. ActiVew and Model 30 are trademarks of Reichert, Inc. AMETEK is a registered trademark of AMETEK, Inc. Bluetooth trademark is owned by the Bluetooth SIG. ©2023 AMETEK, Inc. & Reichert Inc. 16305-110-Rev D

CE 1639

12.8.P. Specialus lagaminas prietaiso nešiojimui

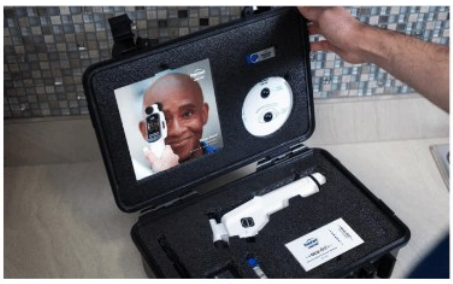
- ✓ Lockable, durable carry case
- ✓ Conveniently stores device and all accessories

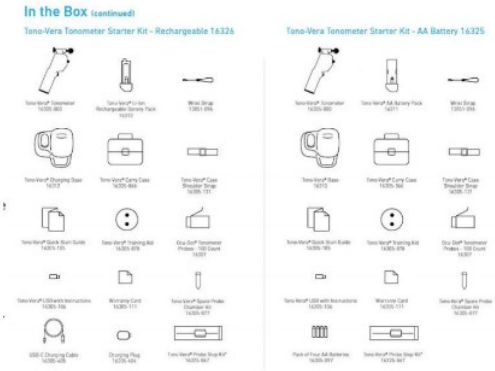


Tono-Vera® Tonometer – **Sales Starter Kit Components**

12.2.P. Rankose laikomas

- Portable, lockable carry case with shoulder strap
- Tono-Vera Device (AA or Rechargeable) with wrist strap
- Tono-Vera Base (or Rechargeable Base)
- 1-box of Ocu-Dot Probes (100 ct, included with all models)
- Training Aid
- USB-C Charging Cable (Rechargeable model only)
- Charging Plugs (Rechargeable model only)
- 4-AA Batteries (AA model only)
- Spare Probe Chamber Kit
- Probe Stop Kit
- USB loaded with language folders containing:
  - Instructions for Use
  - Quick Start Guide
  - User Video
  - Warranty Card
  - Other starter kit reference material translations
- Printed Quick Start Guide and Warranty Card





Reichert® Tono-Vera® vs. iCare® Comparison

Differentiating Features	Reichert® Tono-Vera®
Positioning Guide	ActiView™ Positioning System
Minimum Number of Measurements Required	3
Measurement Mode	Auto and Manual Modes
Base & Storage Solutions	Included multi-purpose base
Battery	Lithium-ion (Rechargeable) ***or*** Four AA batteries
Screen	Back of device
Bluetooth	Yes

12.7.P. Pusiau automatinis režimas

Ocu-Dot®
Tonometer Probes

Ocu-Dot Tonometer Probes are disposable accessories for specific use only with Tono-Vera Tonometers

- Single-use to prevent patient cross-contamination
- Probes will not work reliably if tampered, bent or reused
- Available in 100 count and individually packaged in protective tubes
- Conveniently stored & dispensed in the Tono-Vera Base

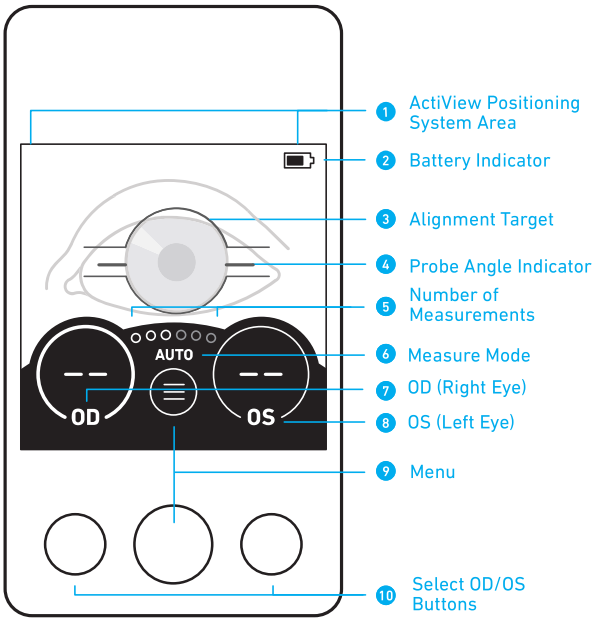
Engineered and Designed in USA

Instructions for Use (continued)

Measurement Screen

1. **ActiView Positioning System Area:** The full-color area on screen where the eye is aligned to the device.
2. **Battery Indicator:** The battery icon indicates the battery level.
3. **Alignment Target:** The alignment area, consisting of a circular center target and level indicators.
4. **Probe Angle Indicator:** Two colored marks (green or yellow) appear on each side of the Alignment Target, indicating the probe angle.
5. **Number of Measurements:** The dots indicate the measurements required and completed (3+ or 6). An empty white dot indicates a required measurement. A solid blue dot indicates a reliable, completed measurement.
6. **ActiView Auto Measure Mode:** If AUTO is illuminated, Tono-Vera will automatically measure when properly aligned. If AUTO is grayed out (Manual Measure Mode), then the Manual Measure Button must be pressed to take a measurement. Pressing and holding the blue Manual Measure Button will take continuous measurements.
7. **OD:** Right eye. The circle will be blue if selected.
8. **OS:** Left eye. The circle will be blue if selected.
9. **Menu:** To access the Menu, press the center button beneath the Menu icon. Refer to the Menu section of this manual for details. If an X icon appears where the Menu icon is depicted, measurements have been taken. Press the button beneath the X to clear out all measurements. If Bluetooth is activated and connected, an export icon (up arrow) will appear after measurements are taken. Press the button beneath the arrow to transfer the data to an EMR system.
10. **Select OD/OS Buttons:** Select OD or OS by pressing the corresponding button.

12.7.P. Pusiau automatinis režimas, tonometras padaro 6 matacimus iš eilės po vieno paspaudimo



ENERGIZER E91

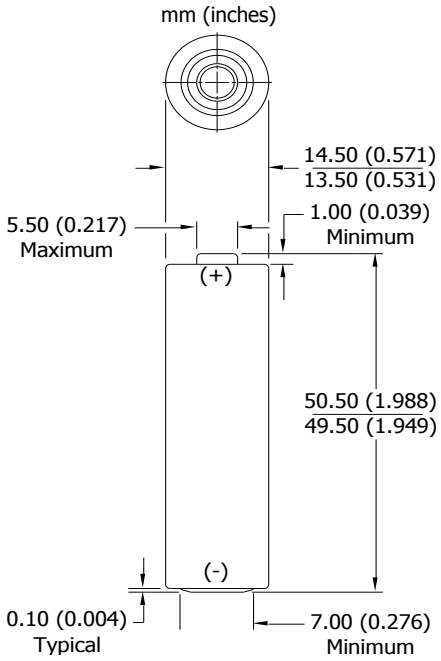
AA

Specifications

Classification:	Alkaline
Chemical System:	Zinc-Manganese Dioxide (Zn/MnO_2)
	No added mercury or cadmium
Designation:	ANSI-15A, IEC-LR6
Nominal Voltage:	1.5 volts
Nominal IR:	150 to 300 milliohms (fresh)
Operating Temp:	-18°C to 55°C (0°F to 130°F)
Typical Weight:	23.0 grams (0.8 oz.)
Typical Volume:	8.1 cubic centimeters (0.5 cubic inch)
Jacket:	Plastic Label
Shelf Life:	10 years at 21°C
Terminal:	Flat Contact

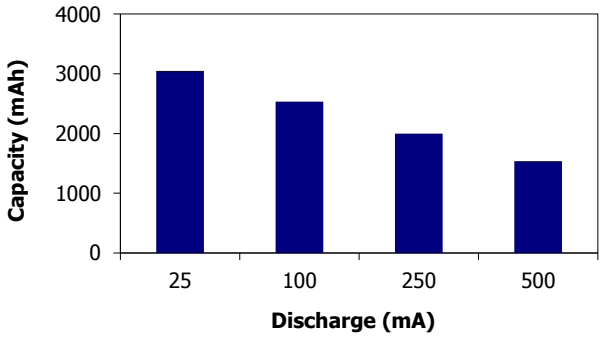
12.12.P. Svoris 4 baterijų 92 g

Industry Standard Dimensions

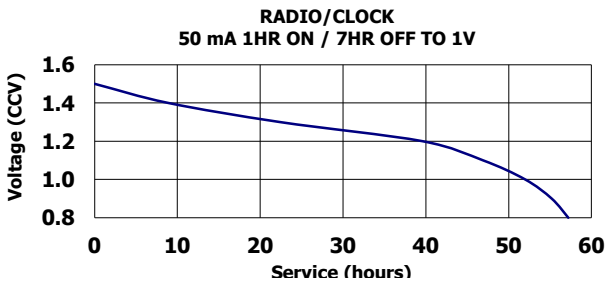


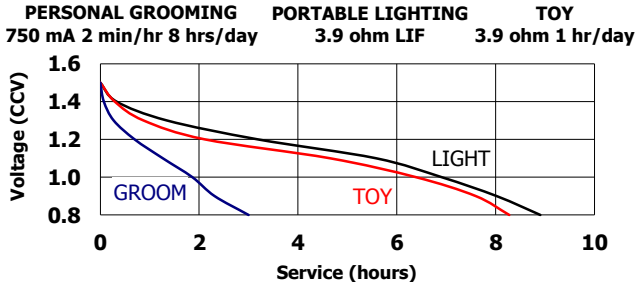
Milliamp-Hours Capacity

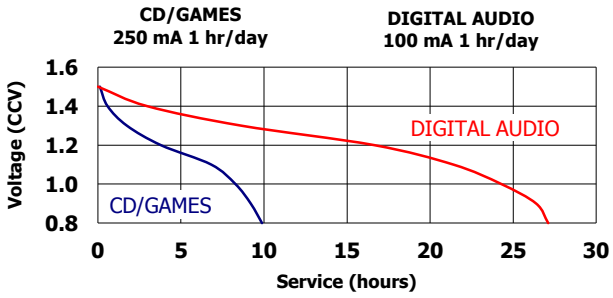
Continuous discharge to 0.8 volts at 21°C

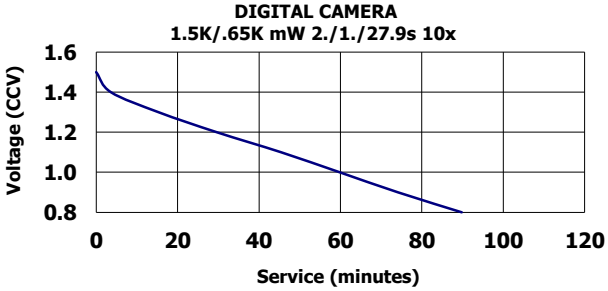


Industry Standard Tests (21°C)









Important Notice

This data sheet contains typical information specific to products manufactured at the time of its publication.
Contents herein do not constitute a warranty and are for reference only.