

EXAM **V**ISION



p.7

4 1
MAG LOUPE

SYNCA 

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IDEAL ERGONOMIC POSTURE

According to the 2021 publication on ergonomics of the World Dental Federation (or FDI) the ideal posture for head position is to be inclined slightly forward regardless of visual medium (naked eye, loupes, or microscope).



The ideal posture of the oral health professional



THE HEAD

To be inclined slightly forward, oriented over the shoulders. The interpupillary line is aligned horizontally not more than 15 to 20 degrees.

TORSO

The longitudinal axis of the torso is upright. It promotes the natural curves of the spine – cervical lordosis, thoracic kyphosis, lumbar lordosis. If needed, the back rest of the chair can be positioned to provide lumbar support.

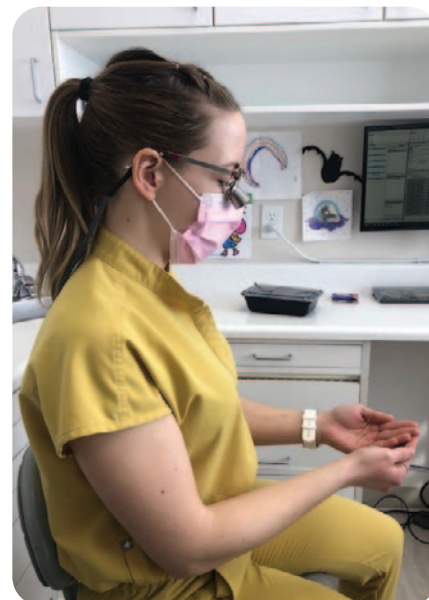
UPPER ARMS, ELBOWS AND SHOULDERS

Arms relaxed at one's side due to the force of gravity. The elbows do not stick out and the forearm is in front of the body. Shoulders are oriented over the hips.

SEATED POSTURE

Seating height at knee height; hips slightly higher than the knees; tilt the operator stool slightly downward.

ExamVision Custom Ergonomic Measurements



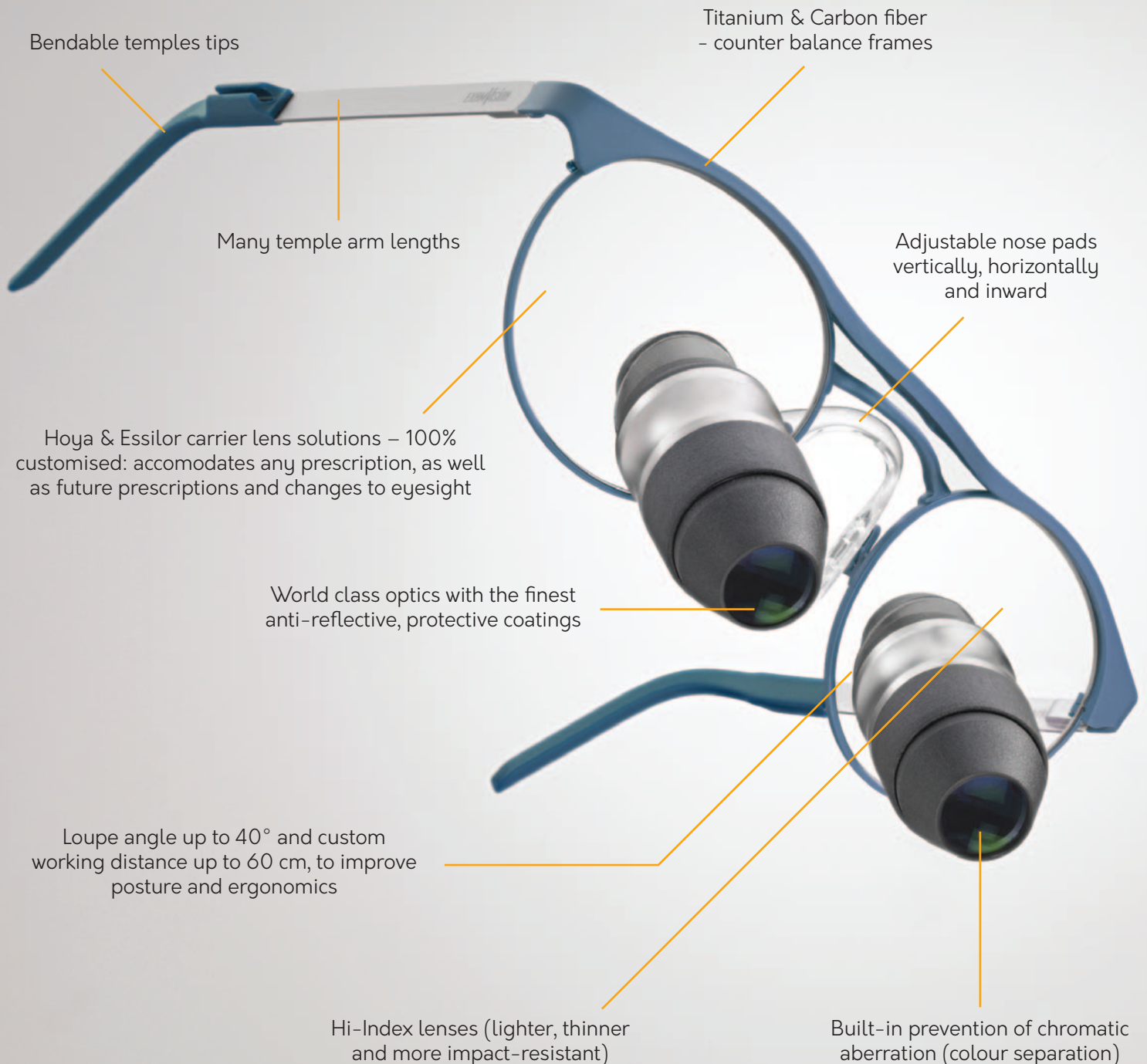
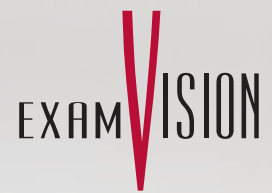
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*Certain conditions apply

SPECTACULAR QUALITY

ExamVision loupes are made by hand with quality components customised to meet your needs. Facial features, prescription, eyesight and ergonomic issues are implemented in the final design and production. The result is an outstanding loupe experience.



Kepler Reflekt

4.0x

- Natural & superior ergonomics
- Unmatched peripheral vision (No need to remove the loupes to perform other tasks)
- Slim loupe housing made from durable and lightweight magnesium & titanium (Lighter than the already light Kepler Kompakt system)
- Unique streamlined ergonomic design

UNPARALLELED PERIPHERAL VISION

FIELD-OF-VIEW

4.0x

◀ 72mm ▶

PERIPHERAL COMPARISON WITH COMPETITIONS



As with all ExamVision loupes any prescription is possible

Adjustable fine-focus

Magnesium & titanium oculars - Robust yet lightweight

Kepler Kompakt

3.5x

4.6x

5.7x

- Lightweight, ultra-compact prisms
- Suits the most demanding procedures
- Wide field of view, crystal-clear from edge to edge
- PowerUp available to upgrade magnification
- Lockable fine-focus ensures precision
- Freedom of movement via excellent depth of field

FIELD-OF-VIEW

3.5x

◀•• 85mm ••▶

4.6x

◀•• 75mm ••▶

A Leading Competitor

3.5x

◀•• 73.6mm ••▶

5.7x

◀•• 65mm ••▶

A Leading Competitor

4.5x

◀•• 50.8mm ••▶

TECHNOLOGY & CRAFTSMANSHIP

ExamVision loupes are made by hand with quality components customized to meet your needs. Facial features, prescriptions, eyesight and ergonomic issues are implemented in the final design and production. All this to give you an outstanding and long-lasting loupe experience.

We offer the most customisable loupes available, built from only the finest components. Measured in your clinic*, or remotely by your Synca magnification specialist, your loupes are made to measure by optometrists in Denmark. ExamVision produces and measurements. They then undergo a rigorous quality control process before leaving. All products are the result of a perfect synergy between technology and craftsmanship.

*Certain conditions apply

EXAMVISION

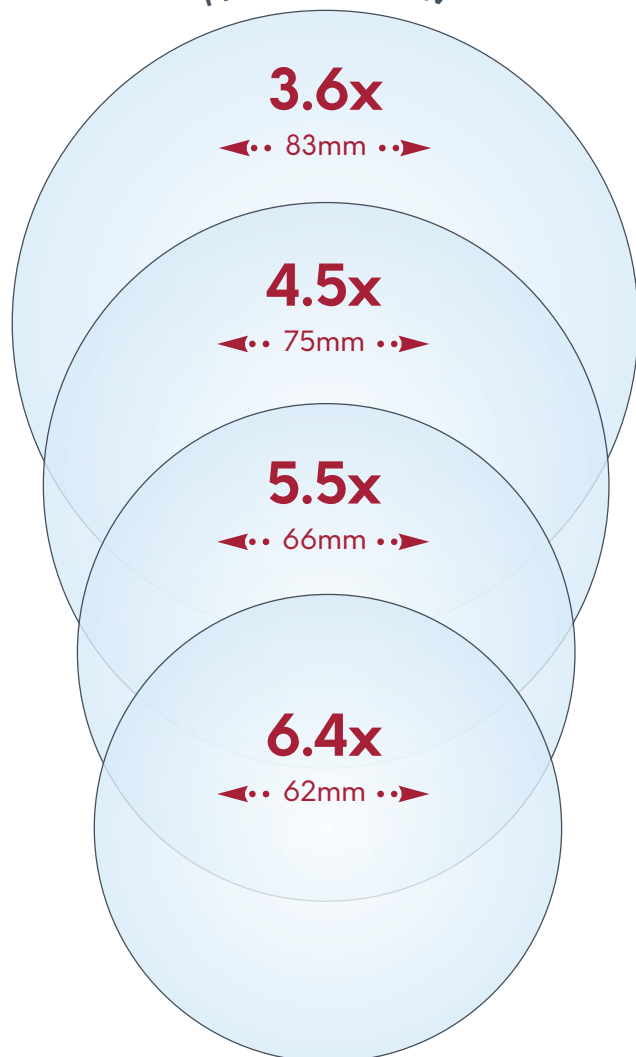


Kepler Advanced

3.6x + 4.5x + 5.5x + 6.4x

- Switch mag. easily via the Turn'N'Click system
- Very light and comfortable, for all day wear – 20 grams lighter than other comparable loupes
- Unparalleled sharpness from low to high magnification
- Fine-adjustable focus on each ocular
- Made of titanium and carbon fibre-reinforced composite

FIELD-OF-VIEW



3.6x

Large field of view for general dentistry, diagnostics, extractions, implants, orthodontics and more

4.5x

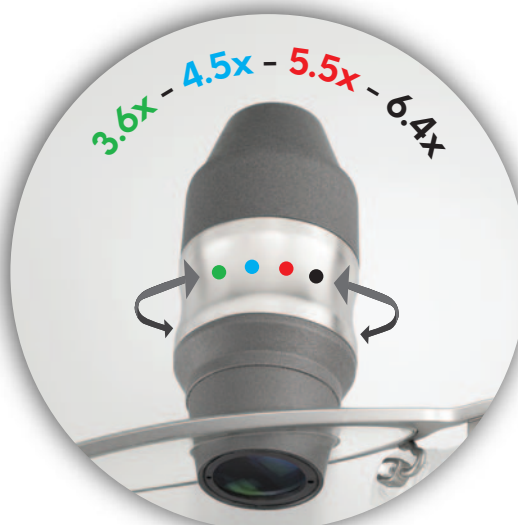
For precision crown and bridge, composites and esthetics, periodontal surgery

5.5x

Ideal for endodontics

6.4x

Near microscope magnification for final margin verifications, complicated endodontics such as accessory canals, complicated diagnostics including horizontal and vertical fractures



Essential

2.5x

3.0x

- Designed and ideal for hygienists
- Full-arch width-of-field
- NEW Essential oculars are shorter and lighter than previous Essential design
- Improved optical quality over previous version of Essential
- Obtain almost 50% more visual acuity with the 3.0x Essential loupe over 2.5x magnification

HYGIENISTS FRAME & LIGHT

FIELD-OF-VIEW

2.5x

◀•• 127mm ••▶

3.0x

◀•• 90mm ••▶

A Leading Competitor

3.0x

◀•• 63mm ••▶



METRO FRAME

FRAME: Stainless Steel
SIZES: Small, Large
COLORS: Offered in 3 colors



ESSENTIAL ALPHA

- Long-lasting entry level LED light
- 11g (cable & lamp weight)
- Up to 42 hours of working time
- Up to 40,000 lux
- Natural white (6,300K)
- 1 year warranty on battery
- 2 year warranty on lamp



EXAMVISION

HD Galilean

2.8x

3.3x

3.8x

- Perfectly balanced comfort
- Maximum field of depth and width
- Ideal for all day wear
- Dual achromatic lenses
- Any prescription possible
- Oculars now offer in 3 colors

NEW!



Default



Optional



Optional

FIELD-OF-VIEW

2.8x

←... 102mm ...→

3.3x

←... 81mm ...→

A Leading Competitor

3.5x

←... 46mm ...→

3.8x

←... 71mm ...→

OUTSTANDING SERVICE

Since 1986, Synca has been dedicated to improving the lives and success of dental professionals and patients. Our innovative solutions feature mostly exclusive products.

Our trained and passionate specialists offer personalized service and ongoing support, ensuring that you receive assistance during the selection, integration, and usage of all our products.

Our North American service center will handle most adjustments or repairs you may need.

FEATHERWEIGHT FRAMES

- Titanium & Carbon fibre frames
- Counterbalanced frames
- Most ajustable & customizable
- Any prescription possible
- Highest quality anti-scratch, anti-glare, anti-dirt coatings (5x more resistant than normal coatings)



EXAMVISION

Panto



FRAME: Titanium
SIZES: Small, Medium, Large
CLASSIC COLORS:



SPLASH COLORS (optional):



Sports v2



FRAME: Titanium
SIZES: Small, Large
FRAME COLORS:



Icon



FRAME:
SIZES:
FRAME COLORS:

Titanium
Small, Medium, Large



Curve



FRAME:
SIZES:
FRAME COLORS:

Titanium
Small, Large



RIM COLORS:



Carbon v2



FRAME:
SIZES:
TEMPLE COLORS:

Carbon fibre & Titanium
Small, Large



Metro



FRAME:
SIZES:
FRAME COLORS:

Stainless Steel
Small, Large





LIGHT IS NOT JUST LIGHT

Having the right light at the right spot is vital both in terms of good vision and protecting your eyes from glare and harmful light. Loupes and light are interdependent and choosing the right headlight solution is almost as vital as choosing the optimum eye loupe solution. Your SYNCA specialist will guide you through personal consultation to ensure that you get the maximum benefit from your system.



PowerGo

The new PowerGo control unit feature a very slim round design for hands-free operation and long battery life autonomy.

Material:	Aluminum	
Weight:	155 g	
Compatible LED Lights:	Total Intense & Total Pure	
Light intensity settings:	High, Medium, Low	
Operating time:	Maximum of 8 hrs guaranteed	
Charging time:	Approx. 2 to 2.5 hours	
Battery Type:	21,700 Lithium-ion rechargeable battery	
Warranty:	PowerGo Unit:	3 years
	PowerGo Battery:	1 year

The **PowerGo** control unit is available with 2 headlamps



TOTAL Intense

- Made of high quality aircraft aluminum
- Maximum of 8 hrs guaranteed operation time
- 18 g (lamp weight with frame part)
- 6,500 K (light colour)
- 51,500 Lux (Max light intensity at 25 cm)
- 3 years warranty



TOTAL Pure

- Made of high quality aircraft aluminum
- Maximum of 8 hrs guaranteed operation time
- 18 g (lamp weight with frame part)
- 5,000 K (light colour)
- 21,900 Lux (Max light intensity at 25 cm)
- 3 years warranty



Essential One

The Essential One as a uniform, powerful, natural colour light output – even as the battery depletes. It is lightweight (23g) with even weight distribution. The outputs are touch controls.

Material:	Aluminum
Battery & lamp weight:	23 g
Light intensity settings:	High & Low
Operating time:	up to 3.5 hours per battery (3 batteries included)
Charging time:	Approx. 1.5 hours
Light intensity:	up to 33,000 lux
Light spot at 35cm (diameter):	70 mm
Warranty:	Lamp: 2 years Battery: 1 year

Essential Alpha

Affordable and long lasting, the Essential Alpha option from ExamVision is perfect for students and hygienists.

Material:	Anodised Aluminum
Cable & lamp weight:	11 g
Light intensity settings:	Stepless
Operating time:	up to 42 hours (Varies with light intensity)
Charging time:	up to 8 hours
Light intensity:	up to 40,000 lux
Light spot at 35cm (diameter):	85 mm
Warranty:	Lamp: 2 years Battery: 1 year Cable: 1 year



The top-of-the-line Xtend control unit feature a flat-face design for hands-free operation and long battery life autonomy.

Material:	Aluminum
Weight:	156 g
Compatible LED Light:	Nano
Light intensity settings:	High, Medium, Low
Operating time:	6 to 24 hrs (Varies with light intensity)
Charging time:	Approx. 2.5 hours
Battery Type:	Lithium-ion rechargeable battery
Warranty:	Xtend Unit: 3 years Xtend Battery: 1 year

*The **Xtend** control unit is available with the Nano headlamp*



NANO

- Produces a diffused spot
- Single lens lamp
- Light spot at 30cm: 110mm
- **Light intensity LED at 30cm: 35,000 Lux (6,500K)**
- Cable & lamp weight: 9g
- 3 years warranty





DEDICATION

You can count on us to make your ownership experience enjoyable. Your Synca magnification specialists are readily available, a call or visit away, if your new loupes need any final adjustments, or you have any questions/concerns post-delivery. ExamVision products are designed and built for a long, usable lifespan. Over time, your loupes may require frame adjustments, which can be done remotely or in-office* by our trained professionals.