



Dealer Loupes Guide

CONFIDENTIAL USE ONLY

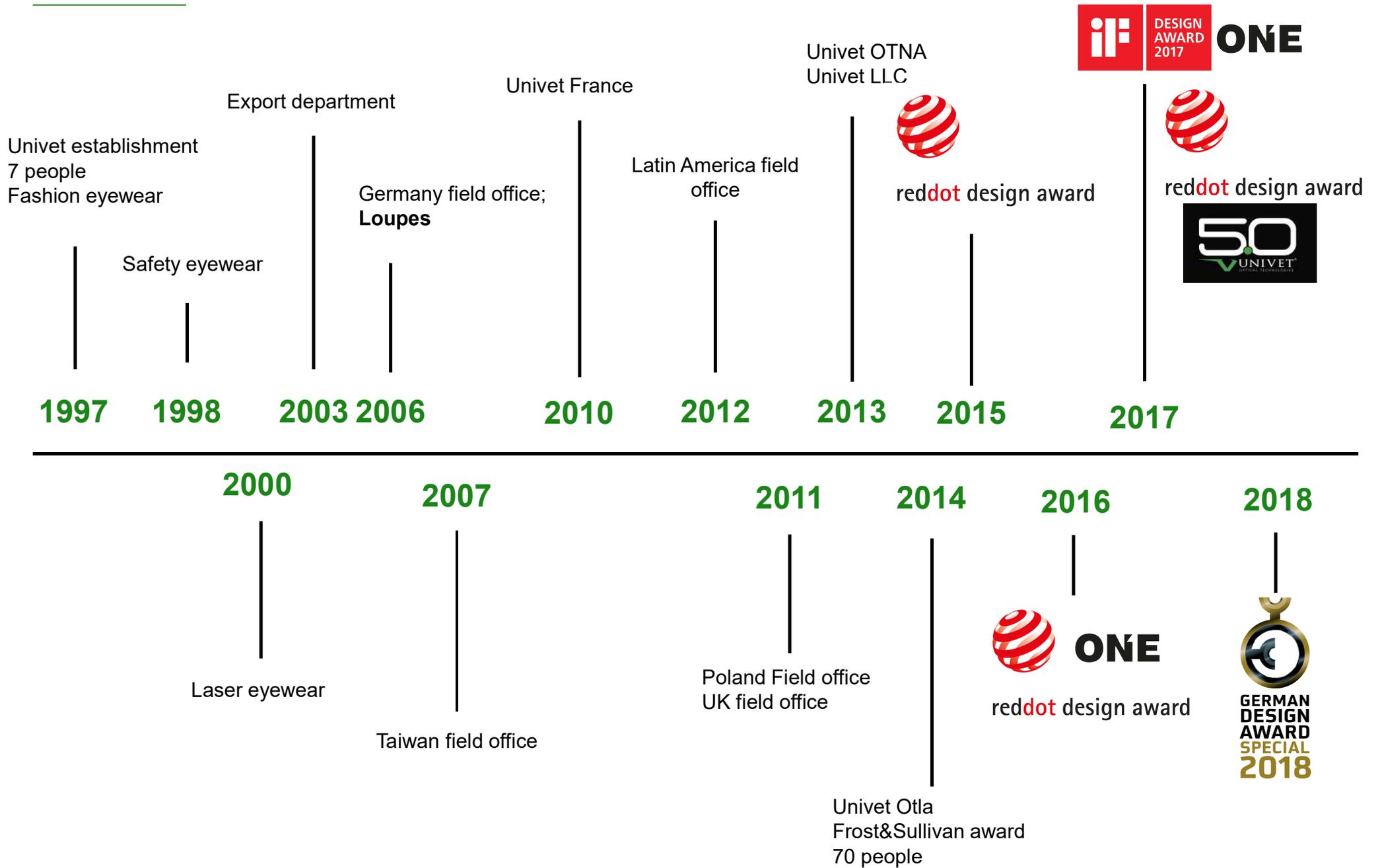


Univet at a glance

- company established in 1997
- 125 employees
- HQ Italy; Branches in France, Canada, USA, Russia, Brazil
- 4 business units: safety eyewear / loupes / laser safety eyewear / Vision AR-EyeTech Lab
- 75 export countries
- Design and Technology Awarded



TIMELINE



2014 European Technology Leadership Award

Received from Frost & Sullivan Association

Reason: for the development of a pioneering technology that not only enhances current products , but also enables the development of newer products and applications

The award recognizes the high market acceptance potential of the recipient's technology.”





reddot design award
winner 2015



reddot award 2016
winner



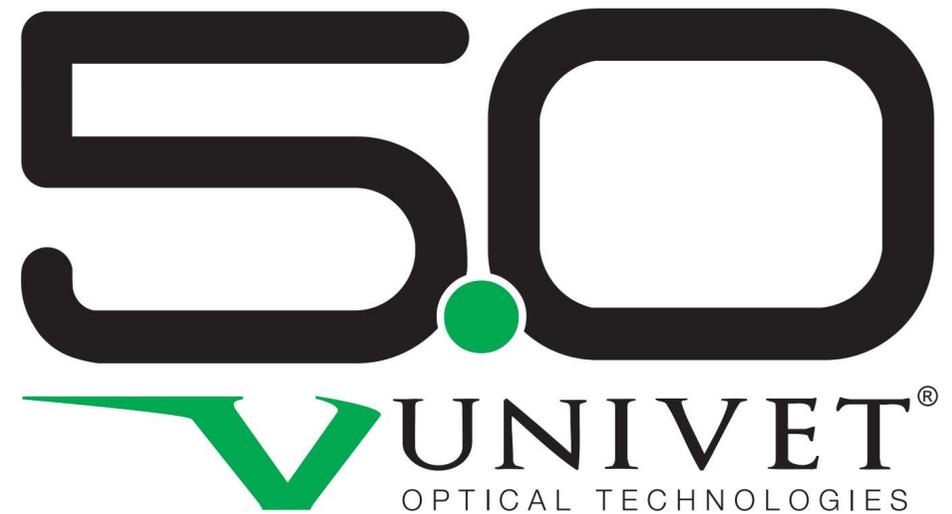
ONE



DESIGN
AWARD
2017



ONE



reddot design award
winner 2017



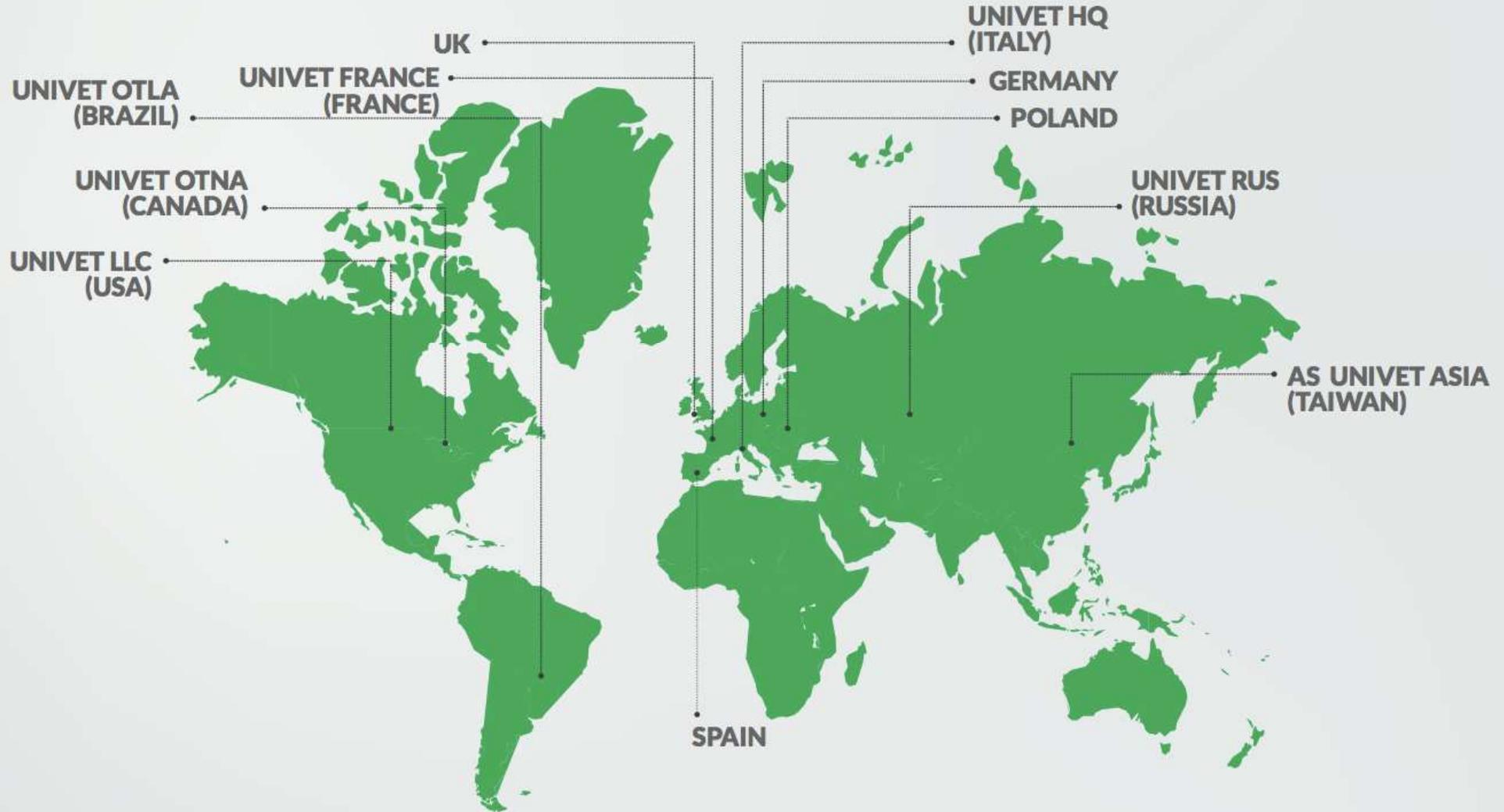
GERMAN DESIGN AWARD SPECIAL 2018

Jury statement

The *ONE* loupe glasses unite quality, well-organised functionality and optimal wearability in an appealing, contemporary design.



Where: close to our customers



PPE SAFETY EYEWEAR - CORE BUSINESS





**Univet: premium loupes with hi-res optics and high class frames.
100% Made in Italy.**

1. No anonymous products with lack of style and cheap materials;
2. No cheap products;
3. No heavy and uncomfortable loupes.

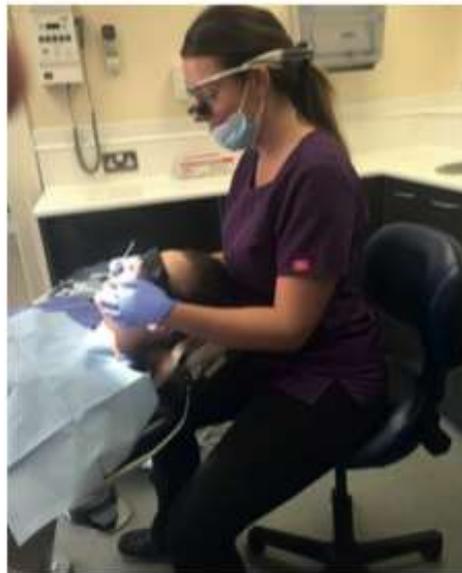
Join the **Italian style**



Could you live without Loupes?



Lucky Winner of The Dental Circle prize draw, **Laura Warburton** explains how she wouldn't be without Univet Loupes from Optident



'As a dentist I'm acutely aware of bringing the best possible technological advances to the forefront when dealing with patients who require both basic and more demanding dental procedures. On a very practical note one of the major contributors to this process is the use of dental loupes which allow me to get the most accurate visual state of view

important and vital element of ensuring best possible treatment for my patients would be lost.

'I have always used Univet loupes from Optident. They are a leading brand whose quality is undeniable, comfort is personally tailored and, importantly, value for money is excellent across the product range. I have

injections and such).

As a relatively 'young' dentist with aspirations for the future, particularly in terms of ongoing professional development, I know I will continue to use dental loupes for whatever situation I find myself in. My choices to date in respect of using Univet Loupes from Optident have been excellent. I

- Pulpotomies
- Stainless steel crowns preparations

I nurse, I always wanted to be as close to the patient as possible so a good field of vision to ensure I was aspirating successfully for the t also as I was very interested in the treatment being carried out (hence to become a dental therapist). The dental therapist I worked with would d fall in if I got any closer. Now, as a dental therapist, despite training on c, I feel just the same. I want to make sure I can really see everything d would frequently feel myself naturally getting closer to the patient. t I wanted more light, too – you can never have too much light to hat mouth so I can see it in all its glory. Occasionally, since becoming rapist, I have experienced problems with my back and so decided it o find something to aid my posture and vision.

it
in Dental Association conference, I browsed a variety of dental loupes ployer; there were many companies offering loupes at a range of ind a pair I liked, the Univet TTL Loupes Gallean – Techne with 2x on and arranged to have my eyes measured. I decided to just go for as my employer already had a spare light that was compatible with the ich he kindly offered to loan me. Once I had had my eyes measured, rt wait in excitement until they arrived in a nice little box revealing my , personalised with my name. I was so excited to try them. The first them I had a headache, this may have been as I was not used to the on or maybe I was going to have a headache that day anyway, who t from then on I didn't have any further headaches when wearing them.

and uses

O vision already but find my vision is enhanced with the loupes and wearing the loupes will help protect them from fatigue. It is amazing can see with them, the fine calculus deposits, the ragged margins of ngivae and the margins of cavities. I fell in love with them instantly. I feel y the loupes my posture has improved. Loupes are designed to only be ten you are in the correct working posture so I don't feel myself getting closer to my mirror when using indirect vision as I can see a magnified it getting close. In fact get too close or try using them for direct vision rs when you are too close and everything goes out of focus which is uch less invasive to the patient and helps maintain that good working

harlie

I very good though for oral hygiene instruction as they can hinder ation and look slightly strange to patients especially children. I often ke Johnny Depp in *Charlie and the Chocolate Factory*. Jokes aside pes are an amazing tool to aid your clinical practice. They enhance ur working field, could help improve your accuracy during restorations, ve posture to maintain health, keeps a less invasive working distance perator and patient, also owning and using loupes shows your patients ant to carry out the best possible high standard of care for them and our patients that you have invested in such equipment could help e this. I recently realised that I cannot live without my loupes when I left e of my places of work and had to work at my other place of work for without them. I felt lost, I realised how reliant I had become on them, everything seemed so far away and I wondered how I ever managed without them. They really are worth investing in and, once you try them, you will never go back. **DH&T**

I COULDN'T LIVE WITHOUT



'I'd fall in if I got any closer' – dental therapist Melanie Joyce on why she likes to get up close and personal

Melanie Joyce qualified as a dental therapist in 2010 after six years as a dental nurse and currently works in the community dental service in Bradford and in a mixed general practice in Leeds. She is an opinion leader for Ivoclar Vivadent and is also the north-east representative and secretary elect for the British Association of Dental Therapists (BADT). Melanie is currently furthering her studies by completing a BSc in dental studies at UCLan.

Loupes are great for

- Scaling
- Fracture sealants
- Fillings
- Pulpotomies
- Stainless steel crowns preparations

As a dental nurse, I always wanted to be as close to the patient as possible so I could get a good field of vision to ensure I was aspirating successfully for the patient, but also as I was very interested in the treatment being carried out (hence my desire to become a dental therapist). The dental therapist I worked with would joke that I'd fall in if I got any closer. Now, as a dental therapist, despite training on posture, etc, I feel just the same. I want to make sure I can really see everything in detail and would frequently feel myself naturally getting closer to the patient. I always felt I wanted more light, too – you can never have too much light to illuminate that mouth so I can see it in all its glory. Occasionally, since becoming a dental therapist, I have experienced problems with my back and so decided it was time to find something to aid my posture and vision.

Eyes right

At the British Dental Association conference, I browsed a variety of dental loupes with my employer, there were many companies offering loupes at a range of prices. I found a pair I liked, the Univet TTL Loupes Gallean – Technie with 2x magnification and arranged to have my eyes measured. I decided to just go for the loupes as my employer already had a spare light that was compatible with the loupes, which he kindly offered to loan me. Once I had had my eyes measured, I had a short wait in excitement until they arrived in a nice little box revealing my metal case, personalised with my name. I was so excited to try them. The first time I used them I had a headache, this may have been as I was not used to the magnification or maybe I was going to have a headache that day anyway, who knows, but from then on I didn't have any further headaches when wearing them.

Benefits and uses

I have 20/20 vision already but find my vision is enhanced with the loupes and know that wearing the loupes will help protect them from fatigue. It is amazing the detail I can see with them, the fine calculus deposits, the ragged margins of inflamed gingivae and the margins of cavities. I fell in love with them instantly. I feel since using the loupes my posture has improved. Loupes are designed to only be in focus when you are in the correct working posture so I don't feel myself getting closer and closer to my mirror when using indirect vision as I can see a magnified view without getting close, in fact get too close or try using them for direct vision of the uppers when you are too close and everything goes out of focus which is probably much less invasive to the patient and helps maintain that good working posture.

A right Charlie

They aren't very good though for oral hygiene instruction as they can hinder communication and look slightly strange to patients especially children. I often joke I look like Johnny Depp in *Charlie and the Chocolate Factory*. Jokes aside though, loupes are an amazing tool to aid your clinical practice. They enhance vision of your working field, could help improve your accuracy during restorations, help improve posture to maintain health, keeps a less invasive working distance between operator and patient, also owning and using loupes shows your patients that you want to carry out the best possible high standard of care for them and informing your patients that you have invested in such equipment could help them to see this. I recently realised that I cannot live without my loupes when I left them at one of my places of work and had to work at my other place of work for two days without them. I felt lost, I realised how reliant I had become on them, everything seemed so far away and I wondered how I ever managed without them. They really are worth investing in and, once you try them, you will never go back. **DH&T**



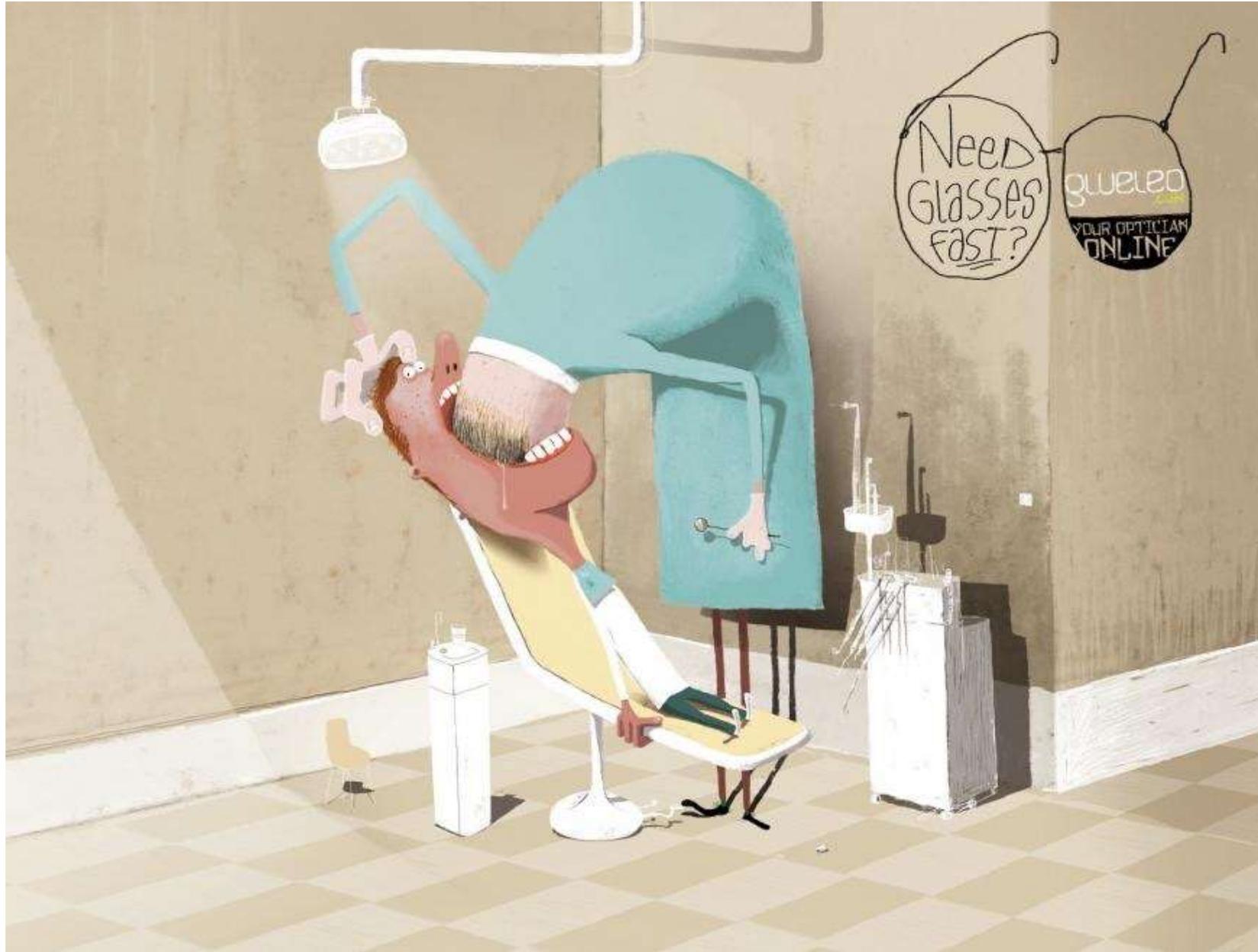
STYLE ITALIANO OFFICIAL PARTNER



WHY WEAR LOUPES?

- Better Vision
- Ergonomics
- Reduced eye strain/fatigue
- Improved performance
- Improved patient care

TO AVOID A BAD WORKING POSTURE



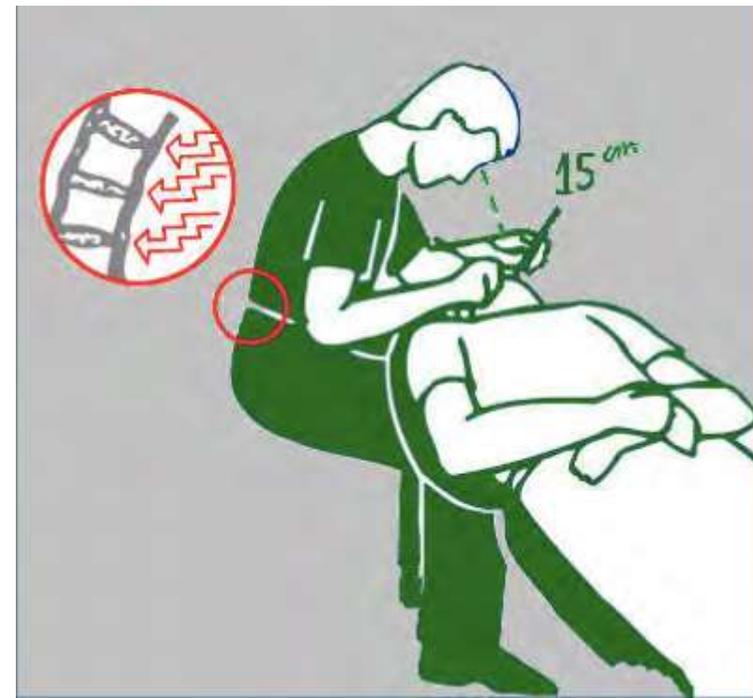
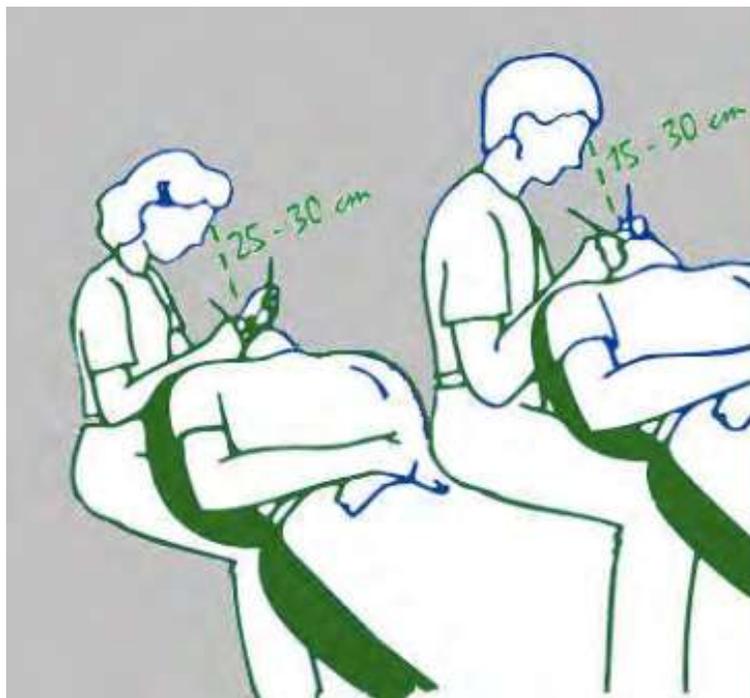
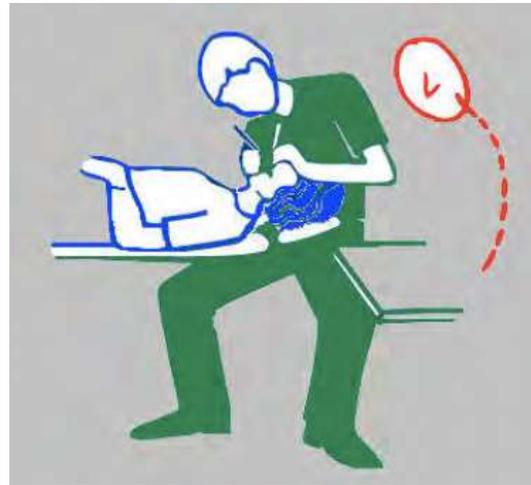
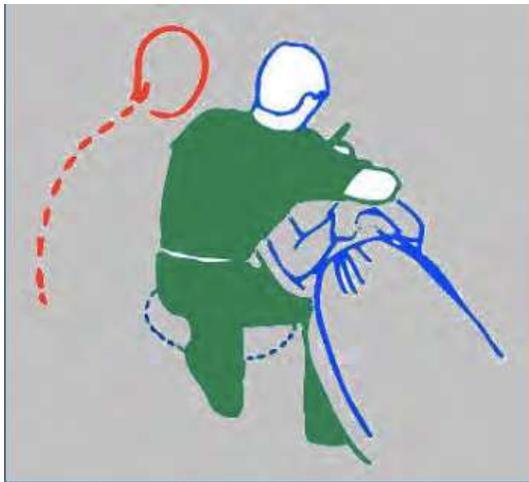
TO AVOID A BAD WORKING POSTURE



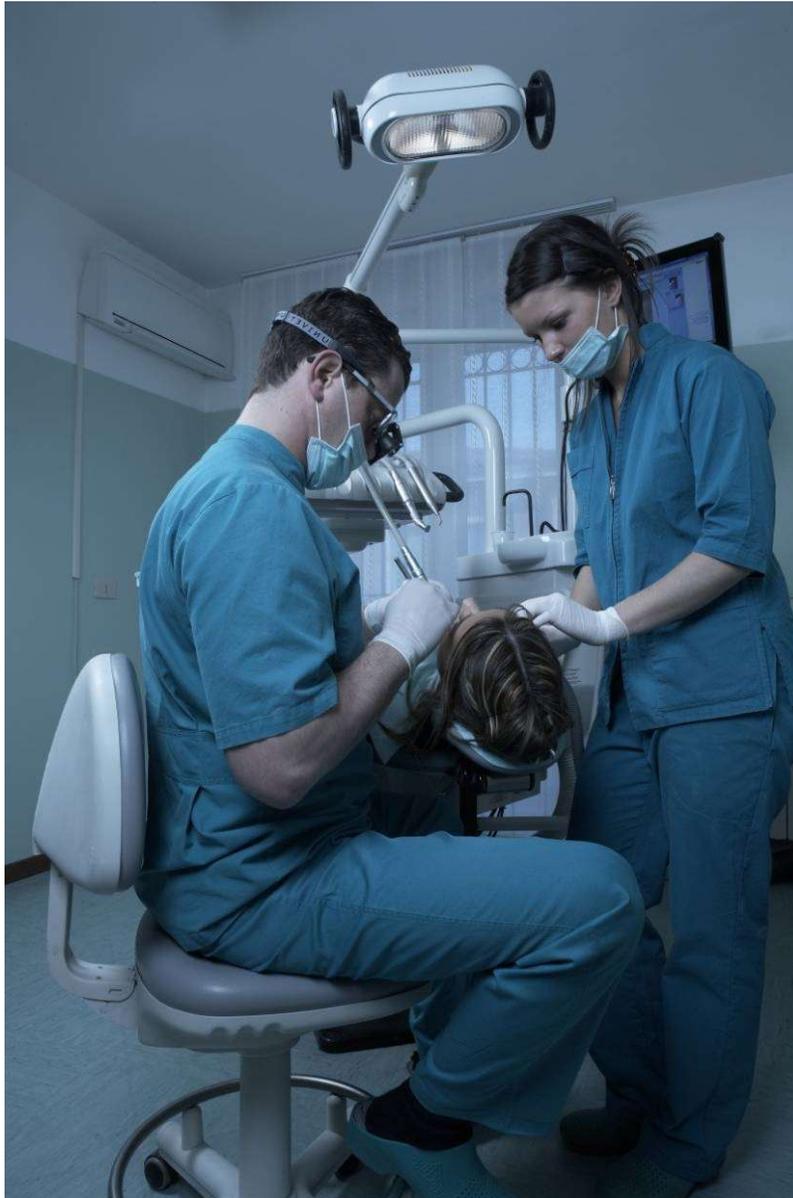
- UNBALANCED FORWARD POSITION OF HEAD AND NECK
- WRONG POSTURE OF THE BACK



TO AVOID A BAD WORKING POSTURE



WORKING WITH BETTER POSTURE



DENTAL SPECIFIC STATISTICS



- 1/3 Dentists Retire Early due to MSD
(Puriene et al. 2007)
- 67% of dental team members develop chronic pain in their career
(Puriene et al. 2007)
- 50% of Dental professionals report lower back pain as their primary MSD
(Anton, 2002)
- 87% of Dental team members identify at least one MSD
(Legget & Smith, 2006)
- 35% of dental professional exhibit two or more MSD's
(Alexopolous et al. 2004)

Seeing the Oral Cavity

it is the single most important aspect of Dentistry

Take this into consideration:

- 20° or more neck flexion for 70% of the working time has been associated with neck pain (Ariens et al. 2001)
- Most dentists and hygienists operate with a forward head posture of at least 30° for 85% of their day (Marklin & Cherney 2005)
- The prevalence of neck pain among dentists hovers around 70% (Lehto et al. 1991)

REDUCE THE EYE FATIGUE



LOUPES HELP THE EYES!

ENHANCE THE VISION



- ACCURATE DIAGNOSIS
- IMPROVE VISUAL ACUITY
- EXCEPTIONAL LEVEL OF PRECISION
- IMPROVED QUALITY PATIENT CARE

SUMMARY

- Wearing loupes will make a long term difference;
- Loupes increase career longevity;
- Patients view loupes as part of dentist's professionalism;
- Magnification systems are now the standard rather than just an option;



how worthy is..

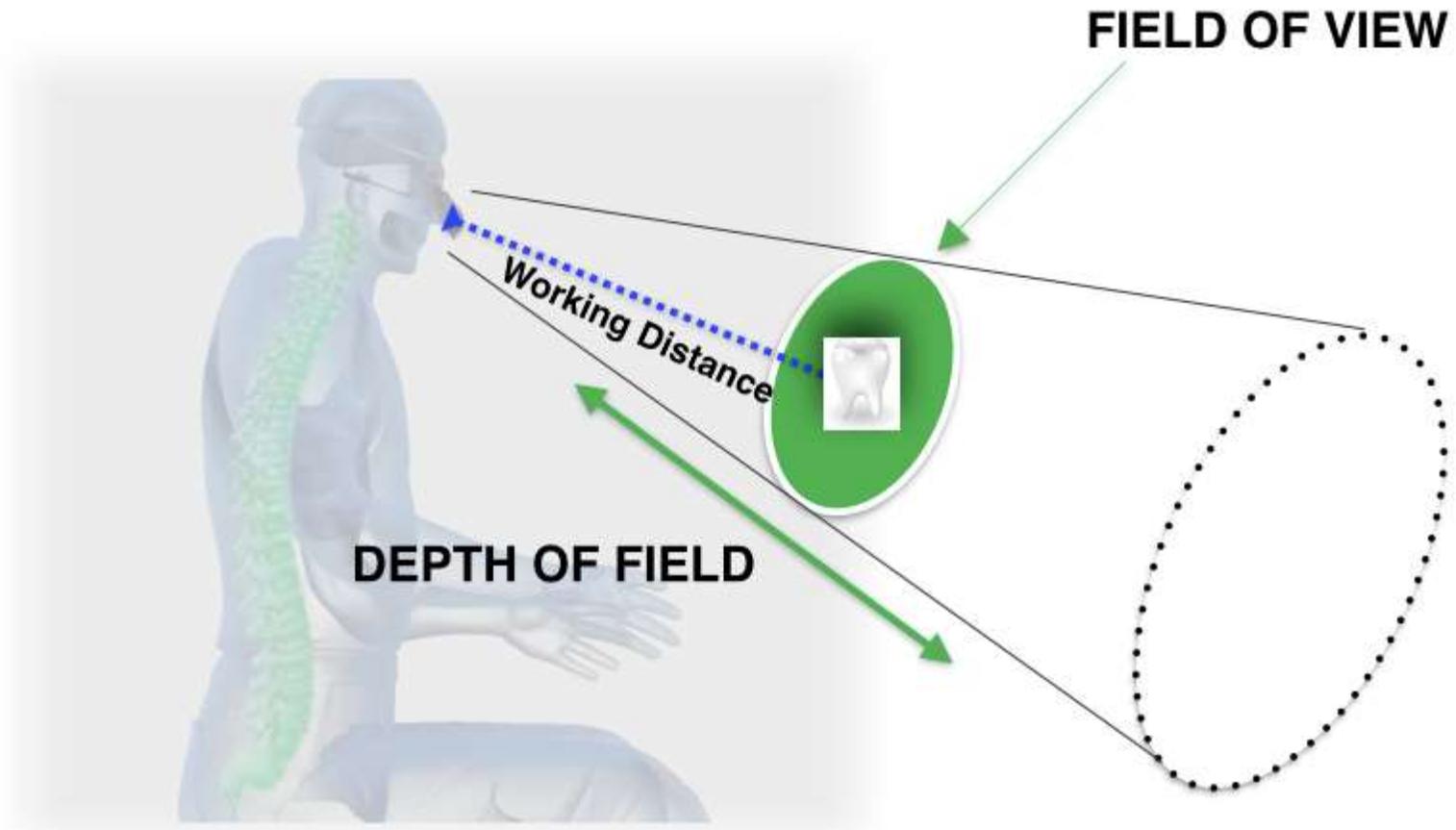
YOUR HEALTH?

YOUR EYES?

Based on the length of your career, purchasing loupes is a small price to pay for visual acuity and ergonomic benefits.

LOUPES TECHNICAL FEATURES

- Magnification
- Working Distance
- Field of View
- Depth of Field



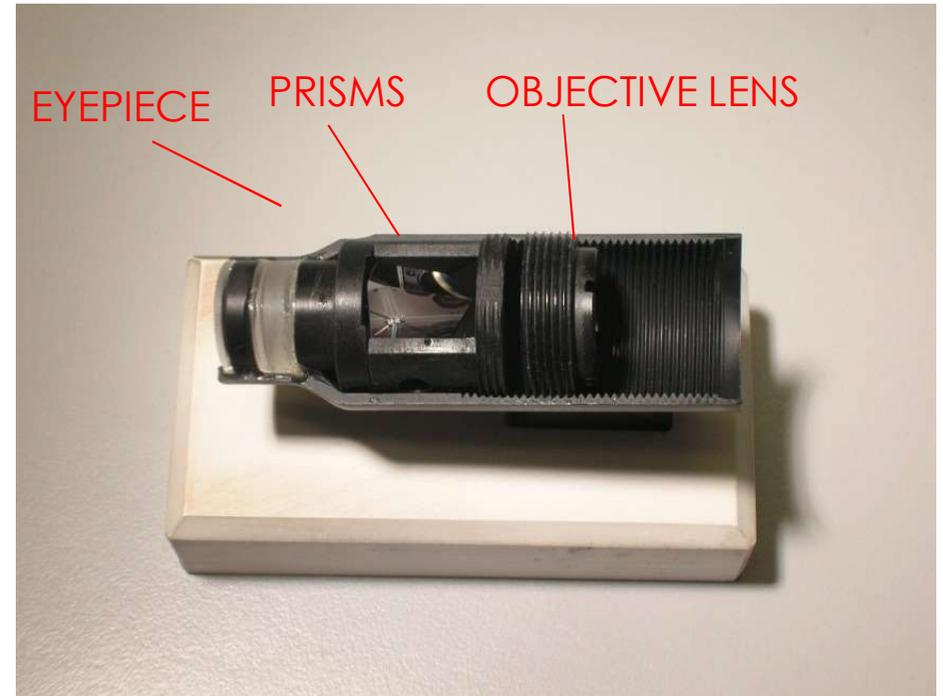
GALILEAN vs PRISMATIC

Galilean



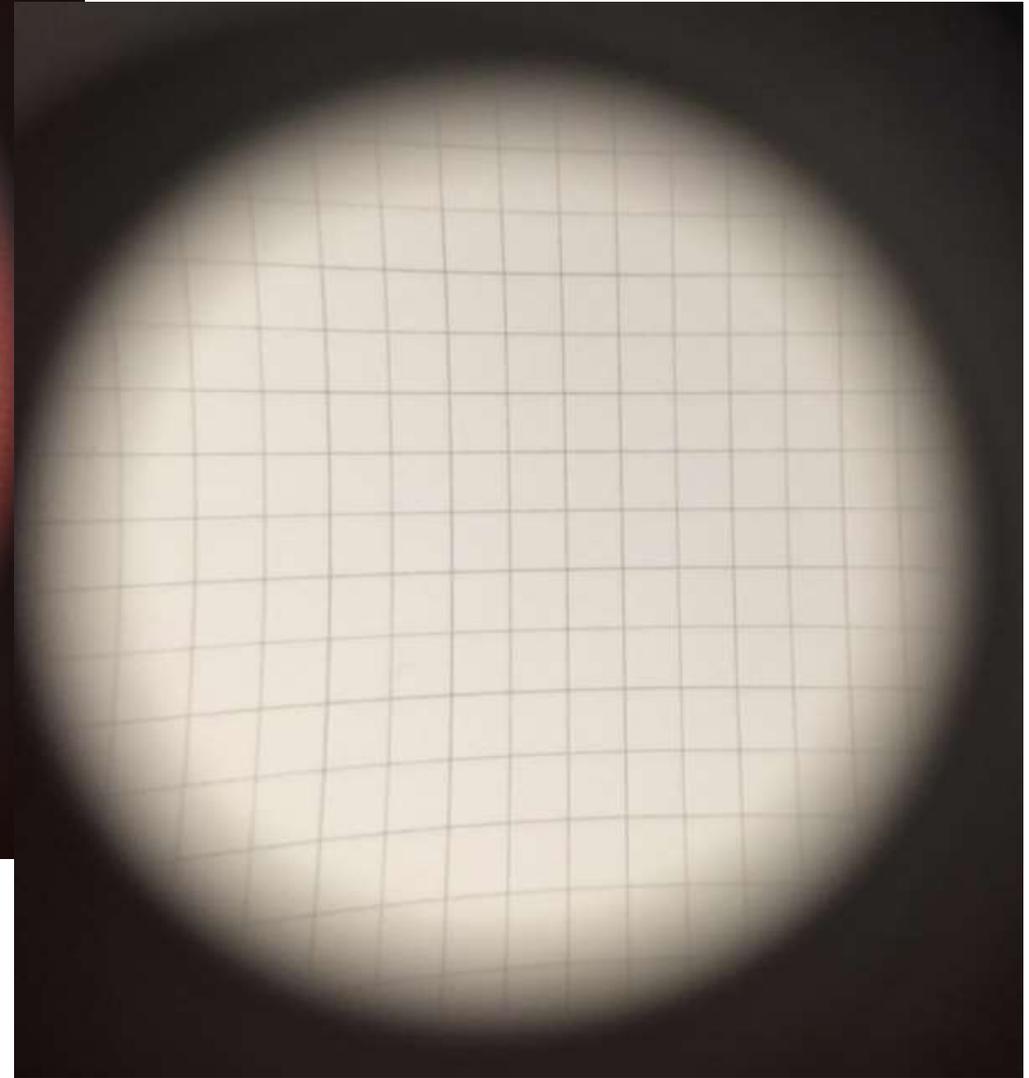
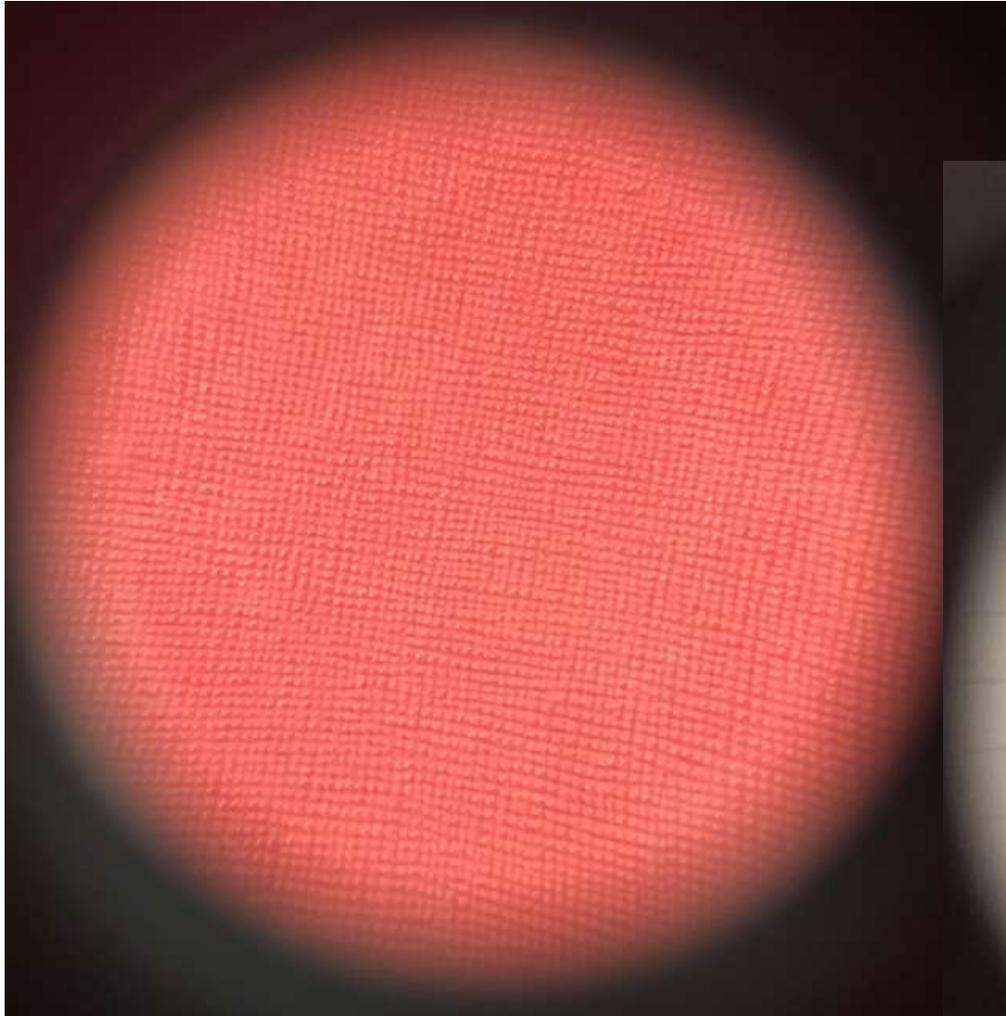
- Smaller magnification
- Lightweight
- No learning curve
- Excellent visual comfort
- Less expensive

Prismatic



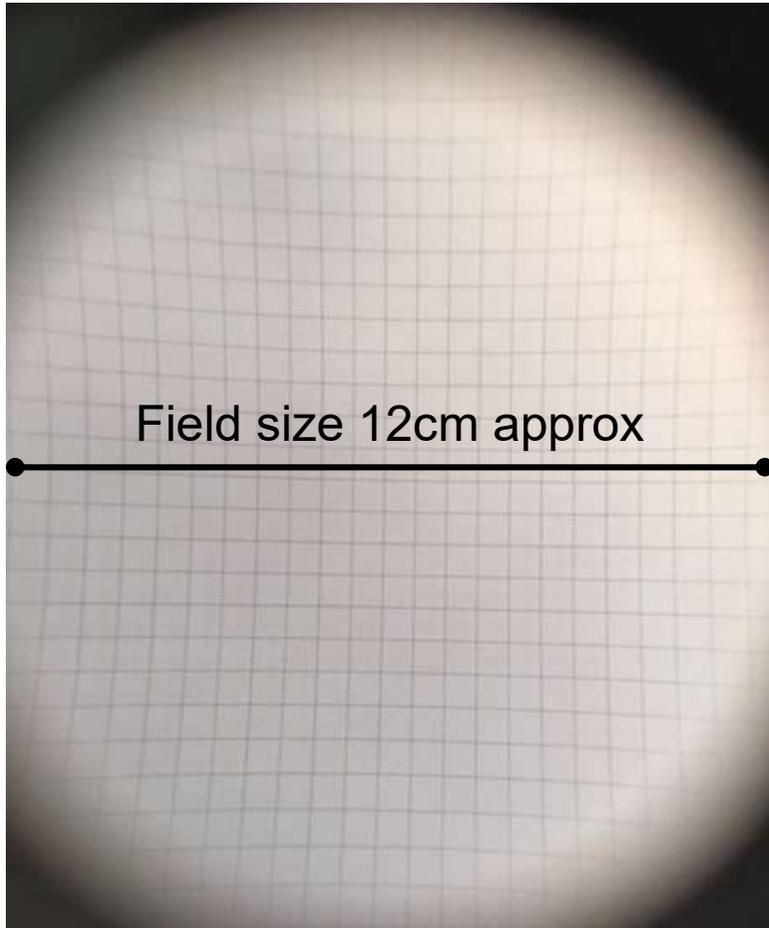
- Bigger magnification
- Heavier
- No optical distortions
- Narrow field and depth o.v.
- Best optical quality

GALILEAN field of view

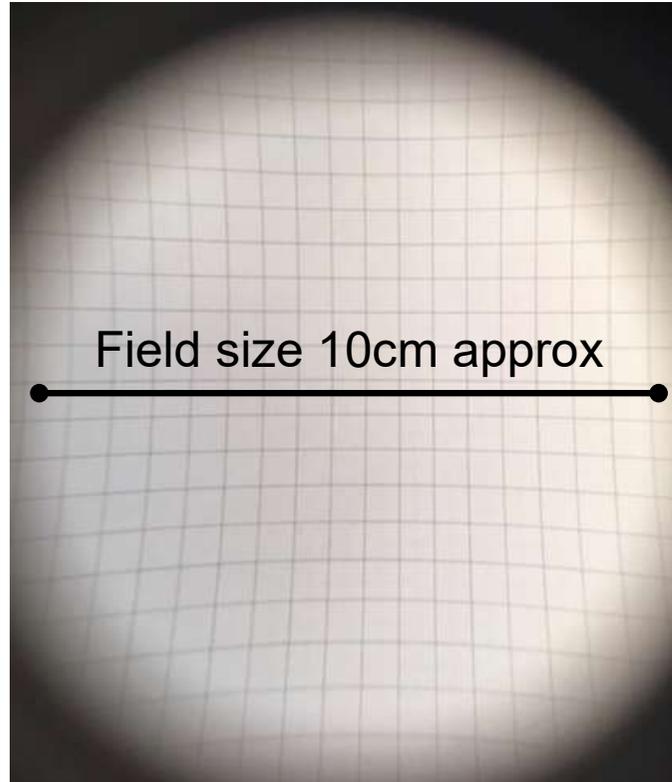


GALILEAN field of view

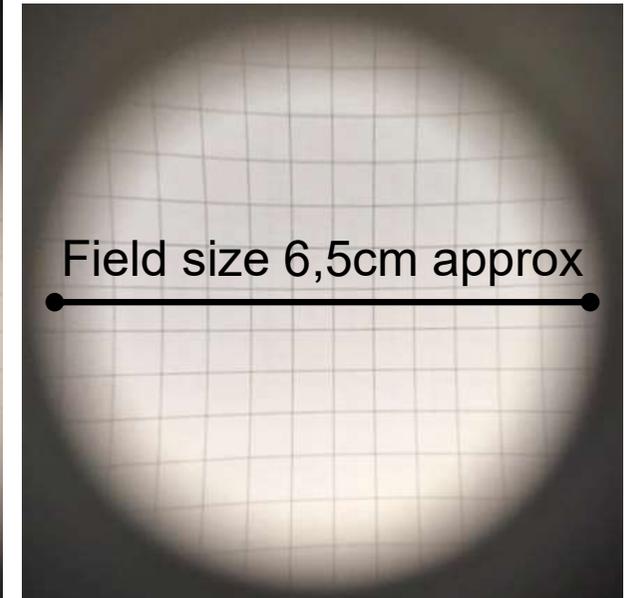
2.5X400 PRO



3.0X400 PRO

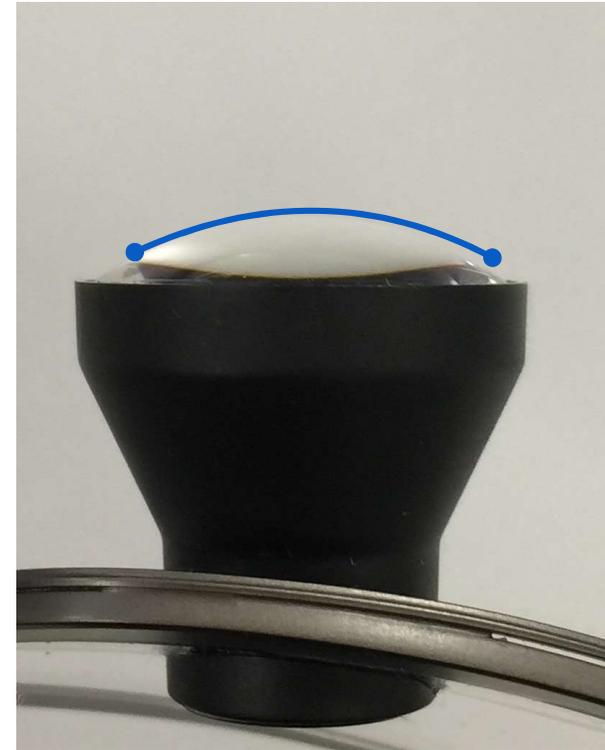


3.5X400



- > magnification = < field size and < field depth
- > magnification = > aberration

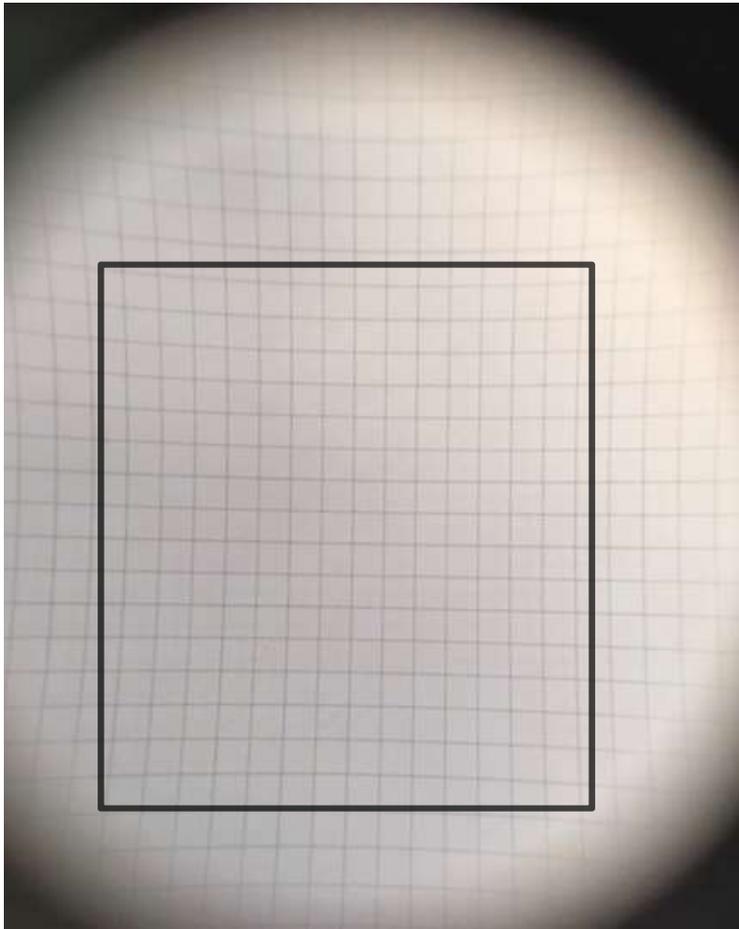
GALILEAN field of view



Any galilean (any brand) have blurred edges:
it is due to the convexity of the objective lens

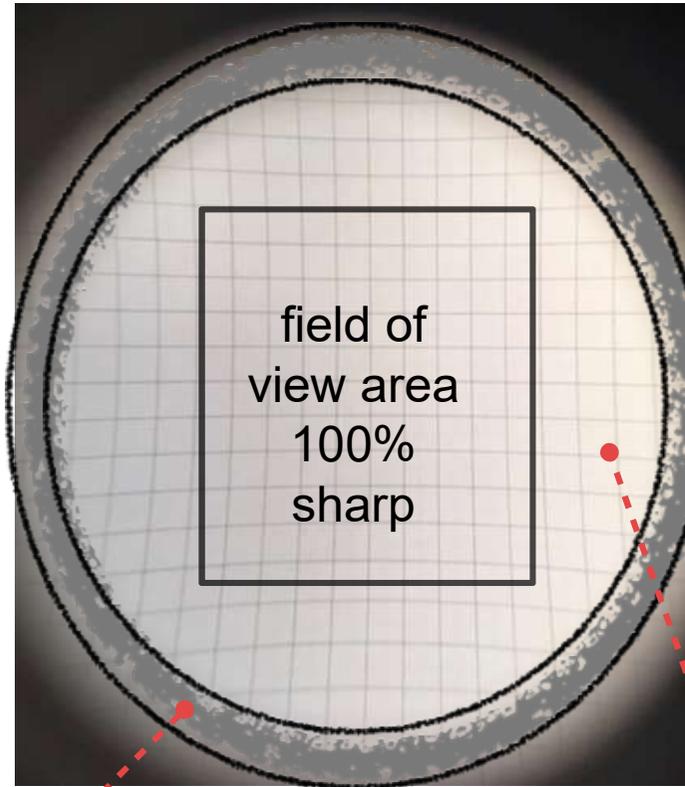
GALILEAN field of view

2.5X400 PRO



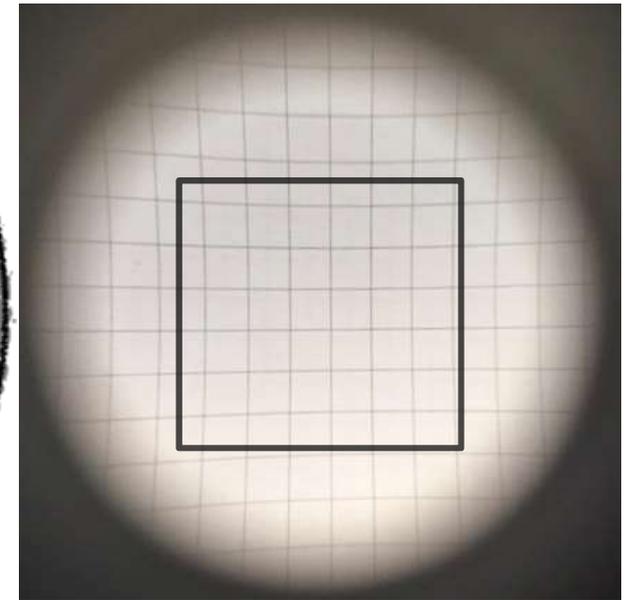
blurred around the edges

3.0X400 PRO



peripheral image aberration

3.5X400



PRISMATIC field of view



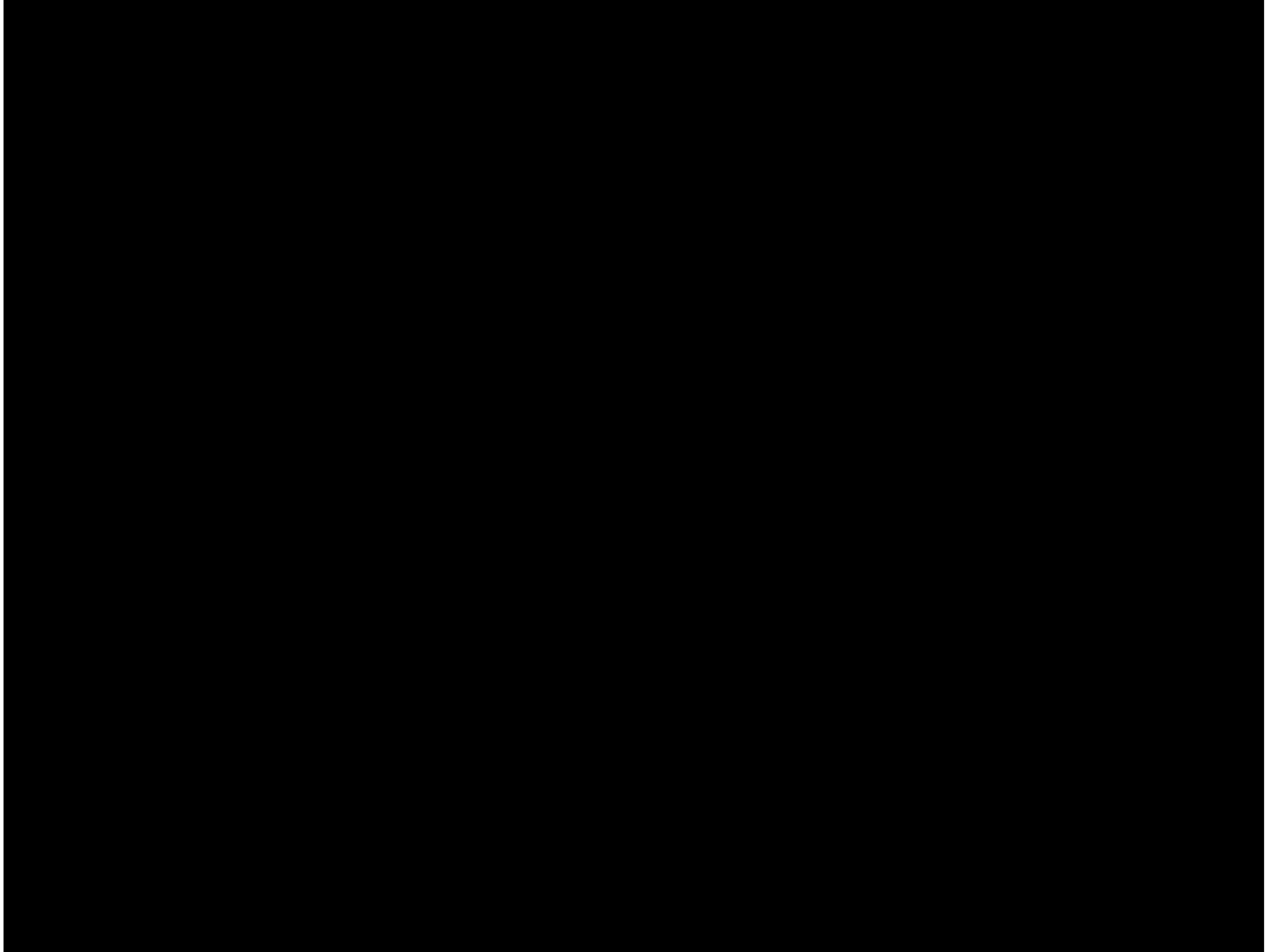
Prismatics are made of flat lenses:

- sharp edges;
- no aberration;
- high resolution in the entire field of vision.

TTL telescopes through the lens

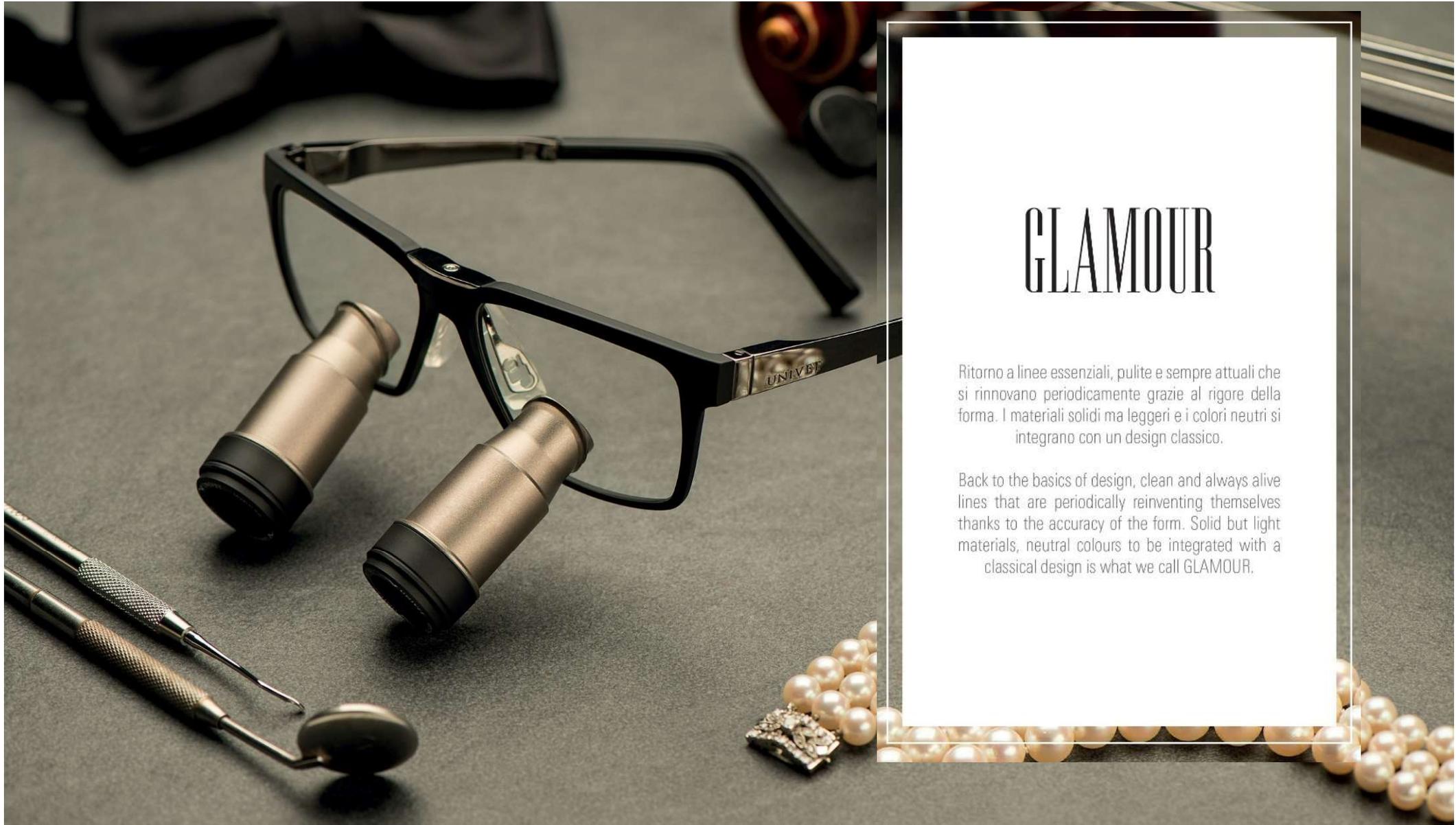
- CUSTOMISED
- COMFORTABLE
- PRESCRIPTION LENSES
- READY TO BE USED





MADE TO MEASURE TTL: PRODUCT POSITIONING





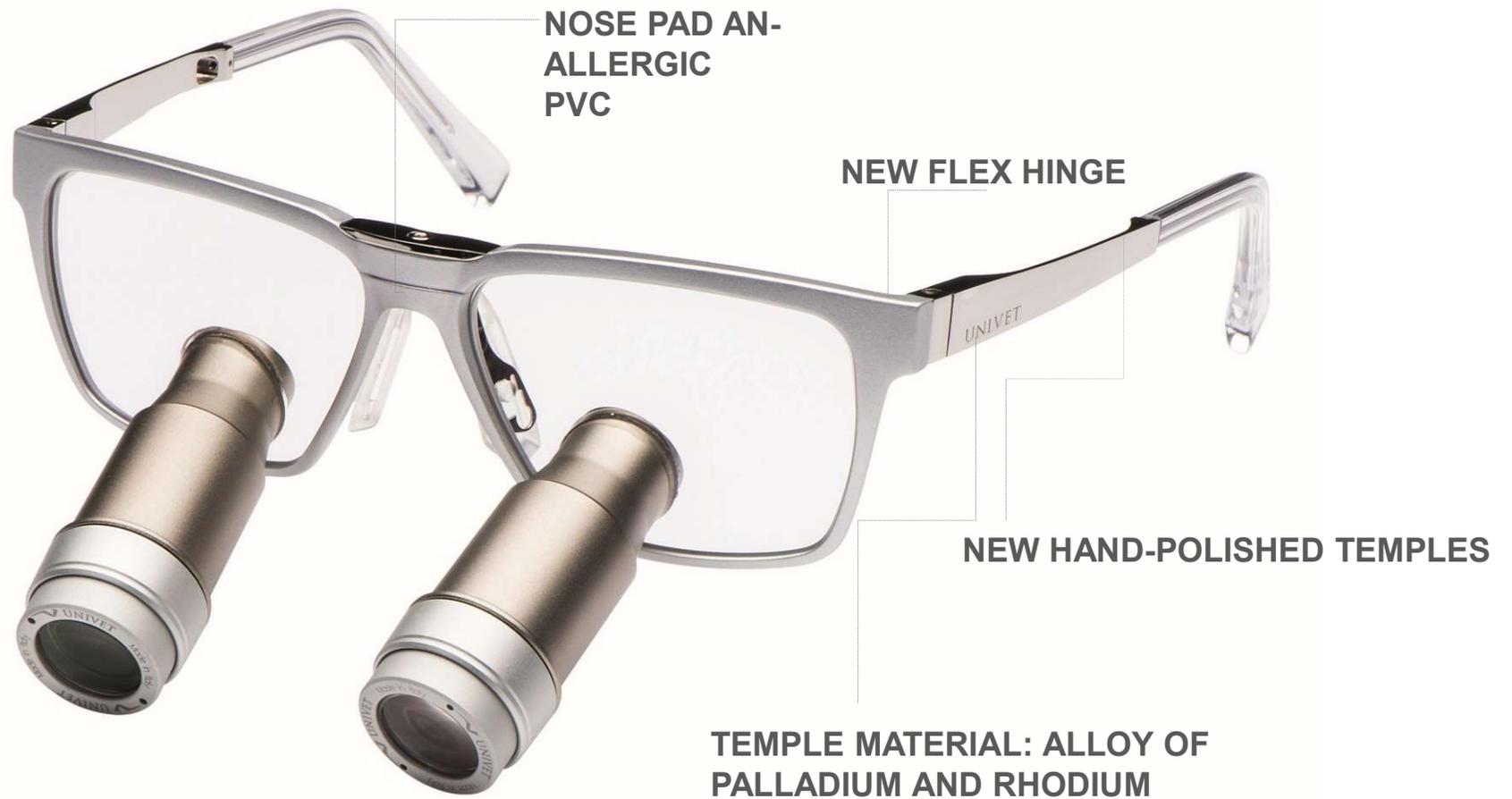
GLAMOUR

Ritorno a linee essenziali, pulite e sempre attuali che si rinnovano periodicamente grazie al rigore della forma. I materiali solidi ma leggeri e i colori neutri si integrano con un design classico.

Back to the basics of design, clean and always alive lines that are periodically reinventing themselves thanks to the accuracy of the form. Solid but light materials, neutral colours to be integrated with a classical design is what we call GLAMOUR.

ONE

PLATINUM



GLAMOUR



reddot award 2016
winner



ONE

PLATINUM



GLAMOUR



reddot award 2016
winner



DESIGN
AWARD
2017

ONE

DARK PLATINUM



NEW BLACK TERMINAL

NEW BLACK FINISHING

TEMPLE MATERIAL:
PALLADIUM AND CARBON
GOLD

GLAMOUR



reddot award 2016
winner



ONE

DARK PLATINUM



GLAMOUR



reddot award 2016
winner



ONE

SIZE

55 □ 15

52 □ 15

COLOURS



MAGNIFICATION



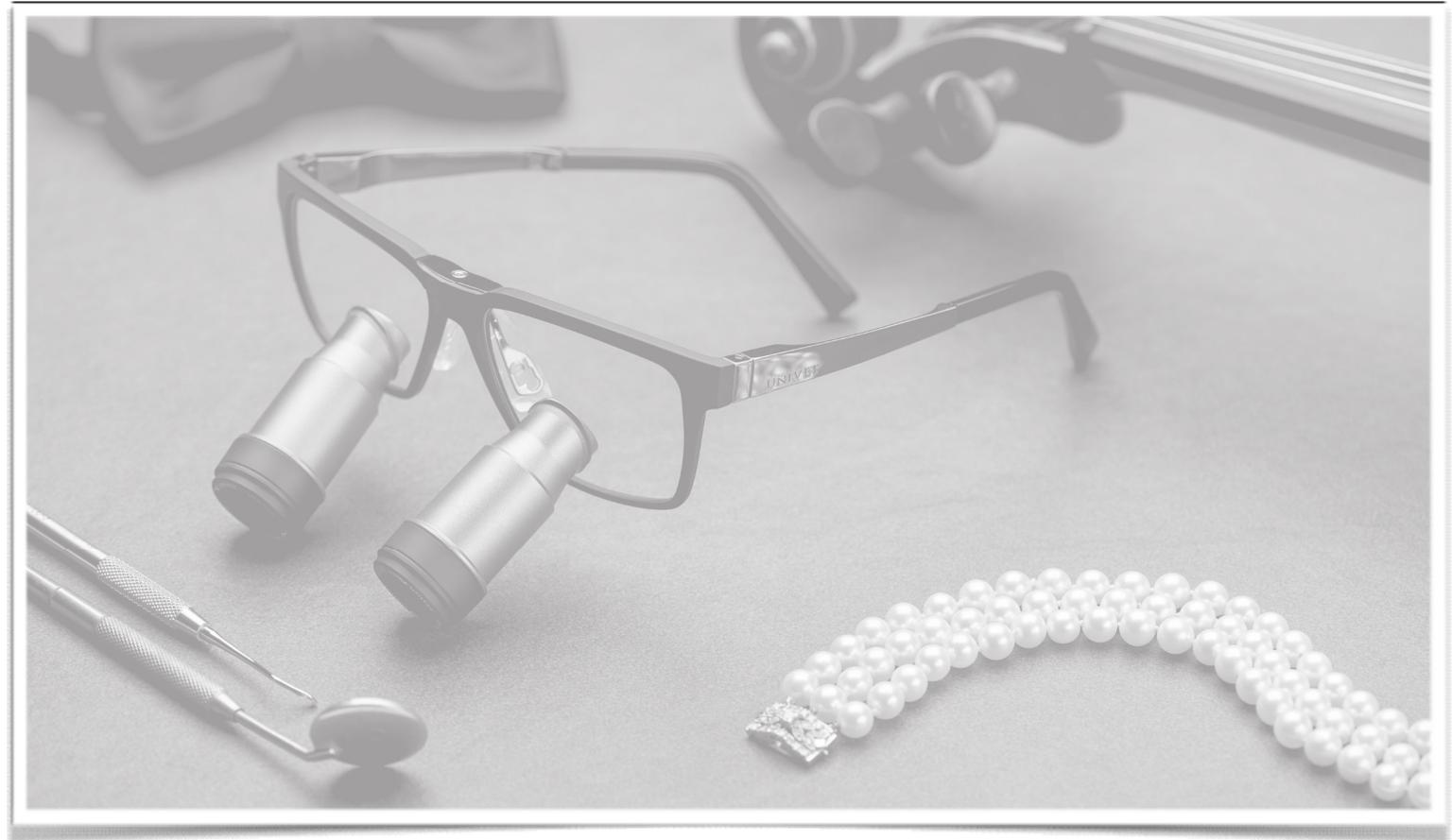
FITTING

- Universal Fit

ACCESSORIES



OPTIONAL

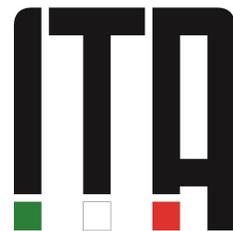




Urban Life

L'innovazione di questa linea è ibrida: tra l'occhiale da vista e quello sportivo per assecondare le necessità dei tempi moderni. Si ispira dunque alla tradizione per inventare combinazioni sorprendenti con uno stile trasversale alle mode e che dura nel tempo.

The innovation of this line is hybrid: between prescription and sport glasses to meet the contemporary needs. It is inspired by tradition and it aims to create unbelievable combinations with a cross-style, which will last the test of time for URBAN LIFE.



PLATINUM



**WRAP-AROUND
FITTING**

PRESCRIPTION LENSES

**SIDE-
SHIELDS
INCLUDED**

**THICK EDGES TO HIDE
PRESCRIPTION LENSES
THICKNESS**

**ADJUSTABLE NOSE PAD IN
MEDICAL AN-ALLERGIC PCV
EASY REPLACEABLE**

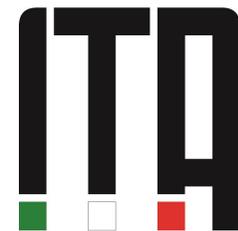
UrbanLife

ITA

PLATINUM



UrbanLife



DARK PLATINUM



**RICH MATTE
FINISHING**

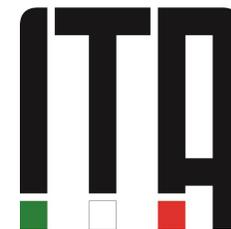
UrbanLife

ITA

DARK PLATINUM



UrbanLife

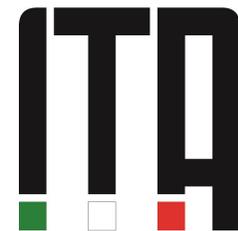


GREEN VESPA



EXCLUSIVE GREEN
VESPA FINISHING

UrbanLife



GREEN VESPA



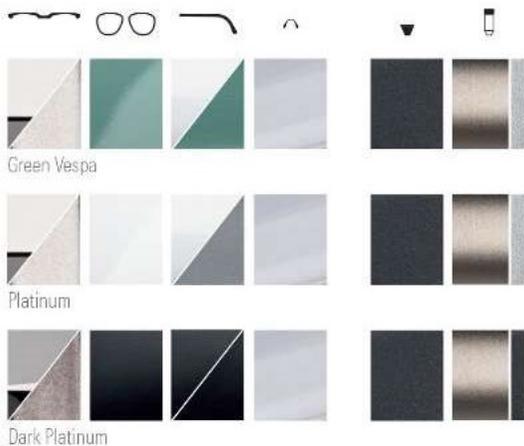
UrbanLife



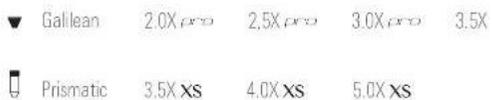
SIZE

54□17

COLOURS



MAGNIFICATION



FITTING

- Universal Fit

ACCESSORIES



OPTIONAL





Trendy

Un tocco di stile sofisticato, l'attenzione estrema per i dettagli, la ricerca di nuove forme, linee e dimensioni attraverso la rivisitazione di modelli consolidati, creano risultati insolitamente contemporanei.

A touch of sophisticated style, extreme care for details, challenging the status quo, lines and dimensions by reconsidering consolidated models to get unusual contemporary look that can be categorized by all as TRENDY.

AsL

BLACK RED

CARBON FIBER TEMPLES

FLEXIBLE ADJUSTABLE TERMINALS



PLATE FOR
CUSTOMIZATION

FRAME AVAILABLE IN
2 CALIBERS

Trendy

AsL

GREY GREY



Trendy

ASH

PURPLE GREY



Trendy

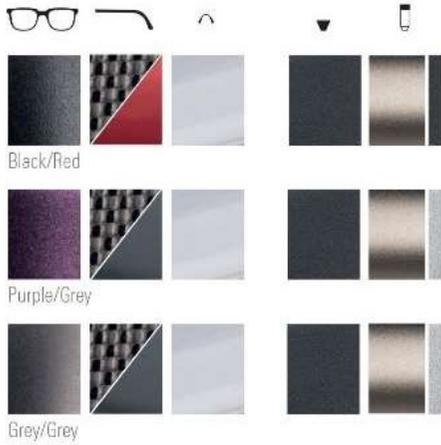
Ash

SIZE

55□17

53□17

COLOURS



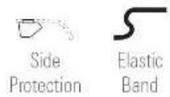
MAGNIFICATION



FITTING

- Universal Fit

ACCESSORIES



OPTIONAL





SPORT

La dinamicità delle linee sportive e avvolgenti, unitamente alla forma innovativa e a una estrema leggerezza, sono garanzia di comfort assoluto. Gli occhiali di questa linea hanno infatti un fitting "lightweight" che migliora le performance permettendo di affrontare sfide sempre più ambiziose.

Dynamic, sporty and enveloping lines, together with an innovative shape and complete lightness of materials for providing the best comfort. The glasses of this range have in fact a "lightweight" fitting which improves the performance and allows it to face the challenges of an active SPORT.

Techné

**POLYAMIDE
MATERIAL SIDE
FRONT PIECES**

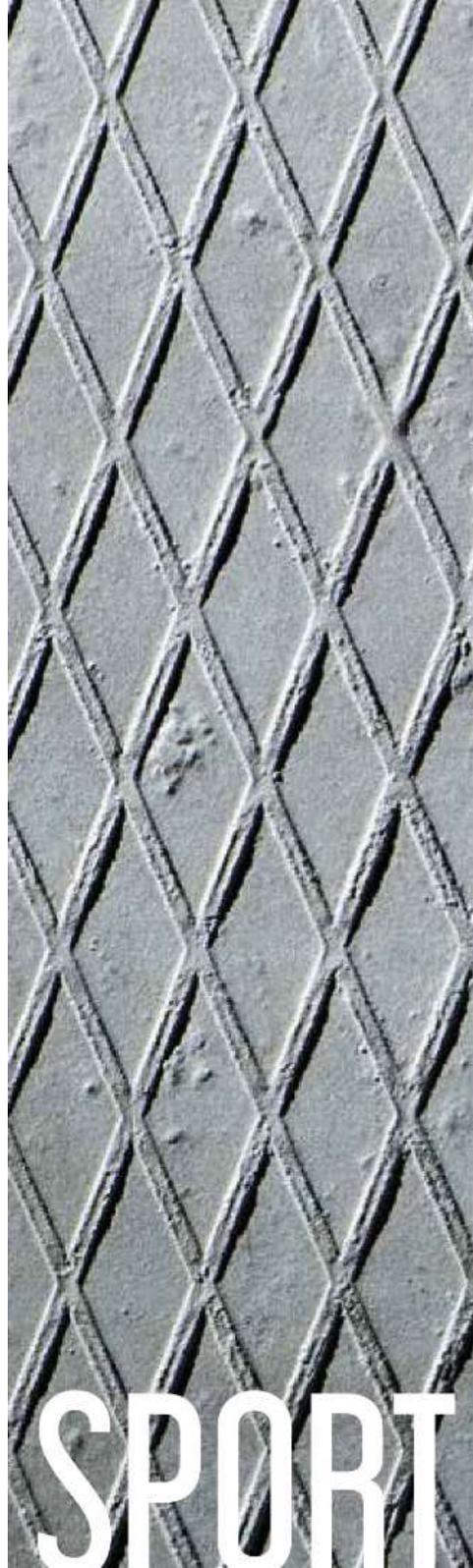
**WRAP-AROUND
FITTING**

**AVAILABLE IN
JAPAN/ASIAN
FITTING
VERSION**

**ADJUSTABLE
NOSE PAD**



SPORT



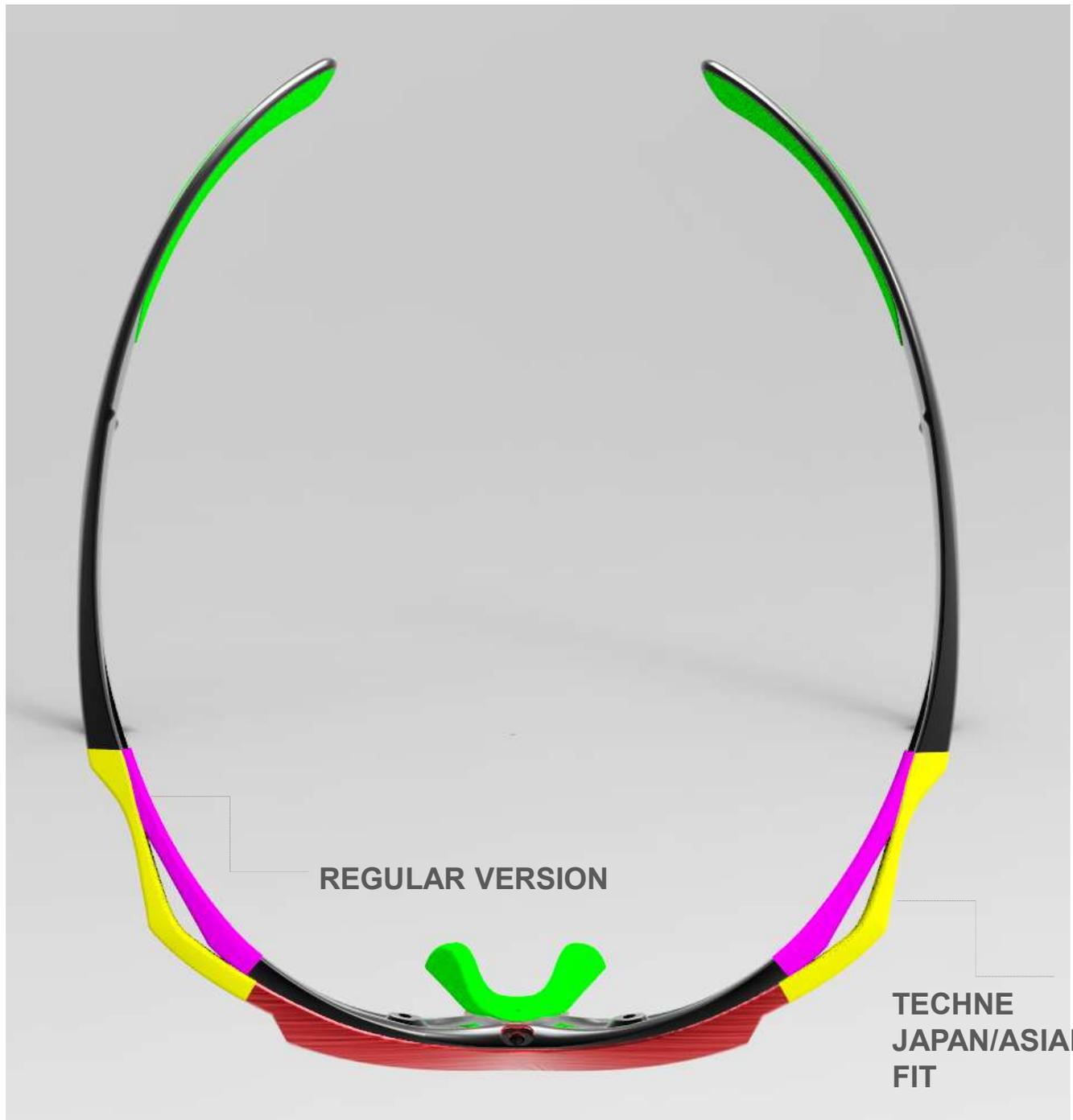
SPORT



Techné

AVAILABLE IN 3
COLORS
FINISHING

Techné



SPORT

Techne RX



AVAILABLE IN
JAPAN/ASIAN FITTING
VERSION

AVAILABILITY
OF
PRESCRIPTION
LENSES

SPORT

Techne

SIZE

66□15

COLOURS



Black/Green



White/Red



White/Pink

MAGNIFICATION

▼ Galilean 2.0X_{pro} 2.5X_{pro} 3.0X_{pro} 3.5X

📱 Prismatic 3.5X_{xs} 4.0X_{xs} 5.0X_{xs}

FITTING

- Western Fit
- Japan/Asian Fit

ACCESSORIES



Elastic Band

OPTIONAL



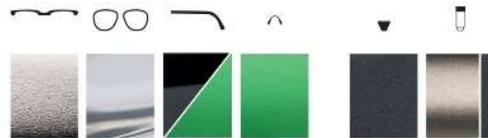
Headlight magnetic adapter

Techne RX

SIZE

54□22

COLOURS



Black/Green



White/Red



White/Pink

MAGNIFICATION

▼ Galilean 2.0X_{pro} 2.5X_{pro} 3.0X_{pro} 3.5X

📱 Prismatic 3.5X_{xs} 4.0X_{xs} 5.0X_{xs}

FITTING

- Western Fit
- Japan/Asian Fit

ACCESSORIES



Elastic Band

OPTIONAL



Headlight magnetic adapter



A close-up, black and white photograph of a car's wheel rim, showing the intricate details of the spokes and the smooth, metallic finish. The lighting creates strong highlights and shadows, emphasizing the three-dimensional shape of the rim.

BLACK EDITION

Black Edition è la linea esclusiva, top di gamma e dal lusso raffinato. L'eleganza del nero veste la forma accattivante e dinamica dell'occhiale che garantisce assoluto comfort e perfetta vestibilità, coniugando design e performance, con uno speciale black packaging di stile metropolitano e di tendenza.

Black Edition is the exclusive version, top of the range with a sophisticated luxury touch. The elegant black coats the appealing and dynamic shape, with absolute comfort and perfect fit, combining design with the performance, into a special black packaging of metropolitan style and trend to fully complement the beauty of our BLACK EDITION.

BLACK EDITION

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The totally revamped Black Edition is the luxury premium line of the collection, the essence of our brand identity.

Attention to the details, premium materials, exclusive packaging: the finest loupes now available with One, Ita and Techne.

Techné **BLACK EDITION**



TOTAL BLACK ALUMINUM BAR

Techné **BLACK EDITION**



TOTAL BLACK ALUMINUM BAR

TOTAL BLACK ANODISED ALUMINUM XS BODY

EXCLUSIVE BRAND NEW PACKAGING*



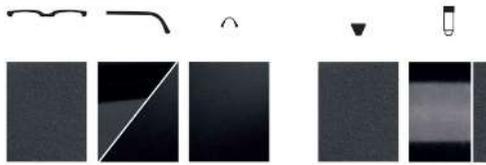
Techné **BLACK**
EDITION

Techne **BLACK EDITION**

SIZE

66 □ 15

COLOURS



MAGNIFICATION

▼ Gallean 2.0X *pro* 2.5X *pro* 3.0X *pro* 3.5X

📱 Prismatic 3.5X *xs* 4.0X *xs* 5.0X *xs*

FITTING

- Western Fit
- Japan/Asian Fit

ACCESSORIES



Elastic
Band

OPTIONAL



Headlight
magnetic
adapter

- total black frame and temples
- total black XS prismatic body
- premium packaging
- available with Japan/Asian fit frame

not available on Techne RX



reddot award 2016
winner



ONE BLACK EDITION



BLACK PETROLEUM BRUSHED TEMPLES

EXCLUSIVE EMBOSSED
WRINKLE PAINT

ONE BLACK EDITION



reddot award 2016
winner



ONE BLACK EDITION



MATT BLACK
PETROLEUM
BRUSHED TEMPLES

EXCLUSIVE EMBOSSED
WRINKLE PAINT

TOTAL BLACK ANODISED
ALUMINUM XS BODY

ONE BLACK EDITION

About the Wrinkle Paint:

ONE BLACK EDITION

The “wrinkle paint” combines strong colours with a deep rich texture for a custom look. It is temperature resistant to 350°F (177°C) and is ideal for adding a touch of personal styling to almost any metal surface. It resists color fading, grease, degreasers and severe weather conditions. This tough, durable finish is extremely resistant to rust, corrosion, chipping and cracking.

It is an exclusive finishing used in automotive, nautical, design industries.

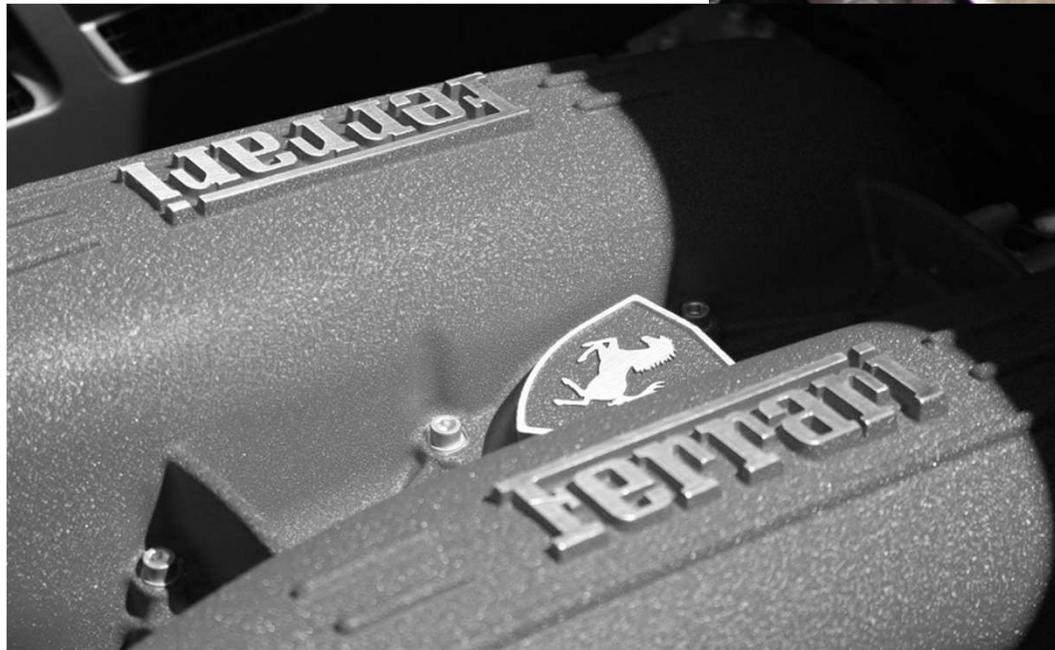
It is especially known to be used since the '80s on Ferrari, Lamborghini, Alfa Romeo, Harley-Davidson engines.

Now, for the first time ever in the Loupes industry, on Univet premium Black Edition line.

ONE BLACK EDITION

About this exclusive finishing:

ONE BLACK EDITION



ONE BLACK EDITION

EXCLUSIVE BRAND NEW PACKAGING*



ONE BLACK EDITION

ONE BLACK EDITION

SIZE

55 □ 15

52 □ 15

COLOURS



MAGNIFICATION

▼ Galilean 2.0X *pro* 2.5X *pro* 3.0X *pro* 3.5X

☒ Prismatic 3.5X *XS* 4.0X *XS* 5.0X *XS*

FITTING

• Universal Fit

ACCESSORIES



Side
Protection



Elastic
Band

OPTIONAL



Headlight
magnetic
adapter

- exclusive Wrinkle Paint finishing;
- total black frame and temples;
- total black XS prismatic body;
- premium packaging.





TOTAL BLACK XS BODY

EXCLUSIVE BRAND NEW PACKAGING*



ITA
BLACK
EDITION



SIZE

54 □ 17

COLOURS



MAGNIFICATION

▼ Galilean 2.0X *pro* 2.5X *pro* 3.0X *pro* 3.5X

📱 Prismatic 3.5X *xs* 4.0X *xs* 5.0X *xs*

FITTING

- Universal Fit.

ACCESSORIES



Side
Protection



Elastic
Band

OPTIONAL



Headlight
magnetic
adapter

- total black frame and temples;
- total black XS prismatic body;
- premium packaging.

Black Edition collection
have its dedicate total
black luxury packaging

VUNIVET
OPTICAL TECHNOLOGIES

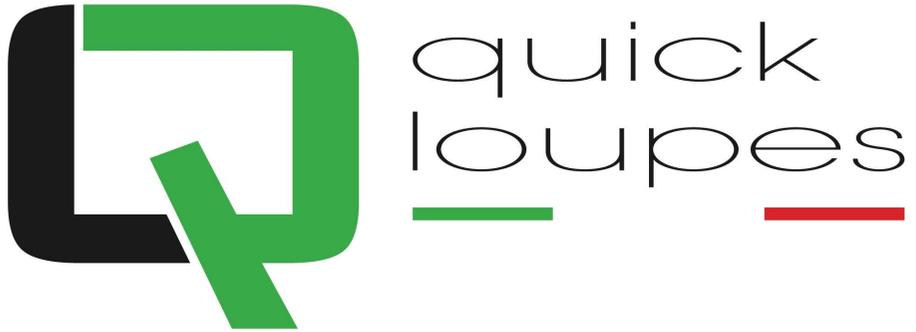
Designed in Italy

VUNIVET
OPTICAL TECHNOLOGIES

VUNIVET
OPTICAL TECHNOLOGIES

WINNET

Dr. G. ROMANO



- Univet innovation in loupes industry
- 3 IPD sizes: S / M / L
- Easy and quicker access to TTL market
- The easiest product for sales reps
- Shelf product
- Almost no need of measurements (*except working distance*)

Quick Loupes range

mod. "546"



2,0X pro
2,5X pro

Techne



2,5X pro

interpupillary distances (PD)	PD at INFINITE (mm)	PD range covered (mm)
S	60	58-62
M	64	62-66
L	68	66-70

FLIP/UP



- UNIVERSAL
- VERSATILE
- OVERSPEC ON GLASSES

FLIP/UP: magnification

Galilean



Prismatic





-
-
-
-
-

Fliplock

Air X



- Intuitive adjustment
- Balanced frame guarantee optimal weight distribution
- Protection shield included (removable)
- Up to 6.0x magnification

HEADGEAR



- Comfortable product
-
-

TTL Product positioning

	Model	Positioning	Target
TTL QUICK LOUPES			
Quick selling process, no fittings; ideal for customers who are happy with 2,5X;			
	Techne	Univet flagship product, most comfortable frame, design product;	customers unhappy of their existing heavy loupes; customers who do not need prescription lenses. good upgrade from flip/up.
	mod. 546	Most lightweight model; less expensive loupes of the range;	Customers who need eyes protection; customers price sensitive; students, hygienists.
TTL CUSTOM MADE			
Customers interested in higher magnifications than 2,5X and need prescription lenses. All the frames available.			
Galilean PRO	2,0X 2,5X 3,0X	larger field of vision and depth of field; very luminous optics.	customers at their first pair of loupes; for general use.
Galilean	3,5X	higher magnification but narrow field of vision and depth of field.	recommended to those who wants strictly 3.5X and are not willing to invest more in a prismatic.
Prismatic XS	3,5X 4,0X 5,0X	best optical quality of the industry. hi-resolution. lightweight and small optics.	upgrade from galilean. upgrade from existing heavier prismatics. recommended for endodontics and specific applications.

TTL Product positioning

Category	Model	Positioning	Target
Sport	Techne	Univet bestselling product, most comfortable frame;	Customers unhappy of their existing heavy loupes; customers who do not need prescription lenses. Young generation who like sporty design frame.
	Techne RX	Sport frame with capability of fitting prescription lenses: unique product in the market;	Customers who wears glasses; but are looking for comfortable wrap around fitting.
Trendy	Ash	Trendy style frame of the range, with noble material as carbon fiber;	Customers attracted by traditional eyeglasses style frames, lightweight. Much appreciated by women.
Glamour	One	Sturdy frame with noble material, with essential elegant design. Recommended for prismatics.	Customers who want high end products; customers who prefer bigger frames.
Urban Life	Ita	Univet newest flagship product. Unparalleled design, top of the range.	Customers who love contemporary design in comfortable frame. Customers who pay attentions to the details. Customers attracted by the newest models.

Headlights

Per esaltare e ottimizzare i benefici dei nostri sistemi ingrandenti offriamo soluzioni di illuminazione specificatamente dedicate all'utilizzo dentistico e chirurgico. La risoluzione, l'intensità dell'illuminazione e l'autonomia sono proprietà ideali che ne esaltano ulteriormente le prestazioni.

To enhance and optimize the benefits of our magnification systems, we offer LED lighting devices specifically dedicated to dental and surgical applications. The resolution, intensity and the power of the lighting, as well as the long battery life and fast charge are the ideal features that make these products top of their class.



5 INTENSITY LEVELS

REMOTE CONTROL*

WIRELESS CHARGER*

REPLACEABLE CABLE

COAXIAL FITTING

PRECISION MULTIPLE LENS OPTICAL SYSTEM

*NOT AVAILABLE IN ALL MARKETS



FEATURES

Temperatura di colore/Color temperature: 5700 K
Intensità luminosa/Brightness: 45000 lux
Durata/Battery life: 8h alla max intensità/8h at max brightness
Peso faretto/Headlight weight: 28 g

SPOT SHAPE



ACCESSORIES



Universal
clip-on



UV 525 nm
Filter





FEATURES

Temperatura di colore/Color temperature: 5700 K

Intensità luminosa/Brightness: 45000 lux

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Peso faretto/Headlight weight: 28 g

SPOT SHAPE



ACCESSORIES



Universal
clip-on



UV 525 nm
Filter

- perfect round spot with crisp edges;
- 45.000 lux at 35cm;
- 8 hours battery life;
- wireless charging*
- remote control* (power button / 3 brightness adjustments)
- replaceable cable;
- coaxial fitting;
- new design and materials.

* not available in all markets

2.0
eos



- 35.000 lux at 35cm
- Battery Life > 8 hours
- Li Ion rechargeable integrated battery
- Made in Italy product
- Round spot
- Excellent balance design/performances/price

2.0S
eos



- Brighter than Eos 2.0
- 38.000 lux at 35cm
- Squared spot
- Exclusive Black Edition finishing
- Spotlight body compatible with Eos 2.0 power unit
- Battery Life > 8 hours

EOS 2.0



35.000 LUX*

EOS 2.0 S



38.000 LUX*

EOS HP



PERFECT EDGE TO EDGE
ROUND SPOT, UNIFORM
BRIGHTNESS, NO SHADOWS

45.000 LUX*

* MEASURED AT 35CM

HEADLIGHTS



TTL: THE MEASUREMENTS PROCESS

TTL Order form



Date _____

User's name _____

User's age _____ User's height _____

Address/Street _____ Number _____

Postal Code _____ Town _____ County _____ Country _____

MODEL

Type Galilean Prismatic

Magnification _____ X Working distance _____

Ash S	Black/Red _____	Grey/Grey _____	Purple/Grey _____
Ash L	Black/Red _____	Grey/Grey _____	Purple/Grey _____
Techne	White/Red _____	Black/Green _____	White/Pink _____
Techne RX	White/Red _____	Black/Green _____	White/Pink _____
Iris S	Pink _____	Black _____	
Iris L	Orange _____	Black _____	
Univet-01	Grey _____		

2° 18° 22° 27°

Case Customization: _____
max 17 letters

Frame Customization: _____
max 17 letters

PRESCRIPTION IN OUTER LENSES ^(A)



Distance

Close-up

Bifocal

RIGHT EYE			LEFT EYE		
Sph	Cyl	Axis	Sph	Cyl	Axis
			distance		
			intermediate		
			close-up		
			add		

PD MEASUREMENT

	RIGHT EYE			LEFT EYE			TOTAL		
	1" meas.	2" meas.	3" meas.	1" meas.	2" meas.	3" meas.	1" meas.	2" meas.	3" meas.
Infinite viewing	_____	_____	_____	_____	_____	_____	_____	_____	_____



HOW TO MEASURE THE WORKING DISTANCE (traditional way)

- Working distance is the distance from the front of the one's eye to the desired operating sight
- Measure the customer's NORMAL vision
 - ✓ Measure **without** loupes on
 - ✓ If the customer wears glasses, measure with glasses on
- Position the customer at their normal working position
- Measure from the front of the eye to the operating site



Then chose the most appropriate WD:

- 300mm
- 350mm
- 400mm
- 450mm
- 500mm

Body Size	up to 1,75 m	1,75 m - 1,95 m	over 1,95 m
Dentistry:			
Generally	2.5x - 3.2x 250 mm - 340 mm	2.5x - 3.2x 340 mm - 400 mm	2.5x - 3.2x 400 mm - 520 mm
Endodontics	2.5x - 4.5x 340 mm - 420 mm	2.5x - 4.5x 420 mm - 460 mm	2.5x - 4.5x 460 mm - 520 mm
Dental Technics	3.0x - 5.5x 340 mm - 420 mm	3.0x - 5.5x 420 mm - 460 mm	3.0x - 5.5x 460 mm - 500 mm

INTERPUPILLARY DISTANCE (PD)



- Interpupillary distance, or PD, is distance from the center of one pupil to the center of the other, with the bridge of the nose being the center point
- PD is measured in millimeters using a PD meter
- Manufacturing uses PD to position the telescopes directly in front of the customers pupils
 - ✓ The eyes naturally converge when the loupe wearer focuses his/her vision on a near object.
 - ✓ The telescope must be positioned in the carrier lens to properly follow this path of eye convergence.
 - ✓ Correct convergence negates any diplopia (double vision)
- Manufacturing also uses PD to properly position Rx carrier lenses into the frame
 - ✓ If a prescription is not installed into the frame correctly, it will not allow the person to see clearly, adversely affecting the magnification

HOW TO MEASURE PD

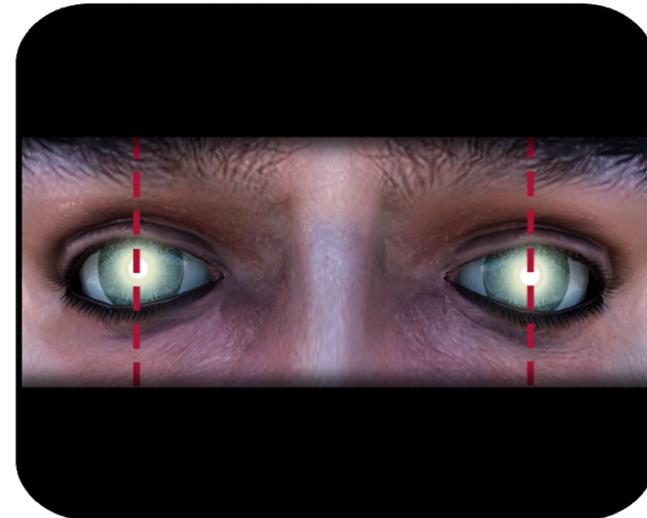
- Turn on the PD meter and set the distance lever to infinity (∞)
- Lightly place the forehead bar and nose pad of the PD meter onto the customer's forehead and nose. Allow the customer to hold the PD meter
- Be sure that the meter is straight and level



HOW TO MEASURE PD

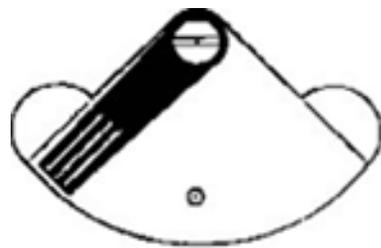
- Instruct the customer to stare at the green dot
- When you observe through the viewfinder, you will see a light spot reflected on each of the customer's pupils
- Slide the horizontal adjustment levers to move the PD indicating needles directly over the light on each of the customer's pupils
- Transcribe the digital value displayed for the Right and Left eye onto the order form

DIGITAL VALUES

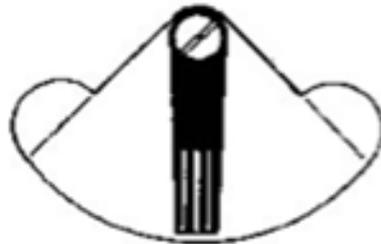


HOW TO MEASURE PD

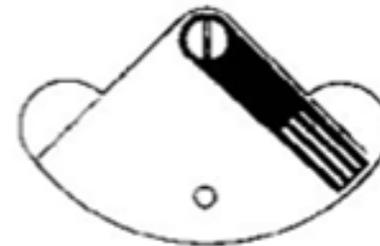
- The PD measuring process described thus far is for people with binocular vision, which will be the overwhelming majority of our customers
- However, in such cases as the customer has a functional defect in binocular vision, you can also measure just a single eye
- To measure eyes separately, shield the opposite eye by changing over the eye shield lever on the backside of the PD meter.
- Slide the shield as shown below to take the infinity and for each eye one at a time



Left eye shielded
(measure Right eye)



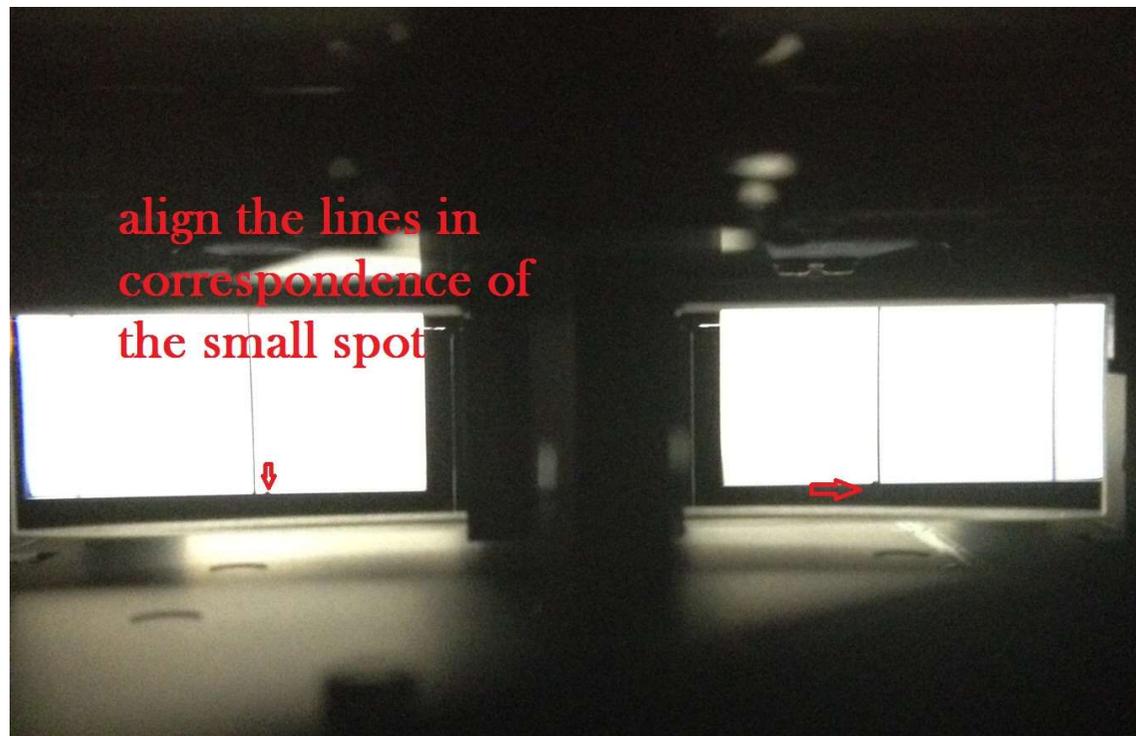
Both eyes open
(normal PD measurement)



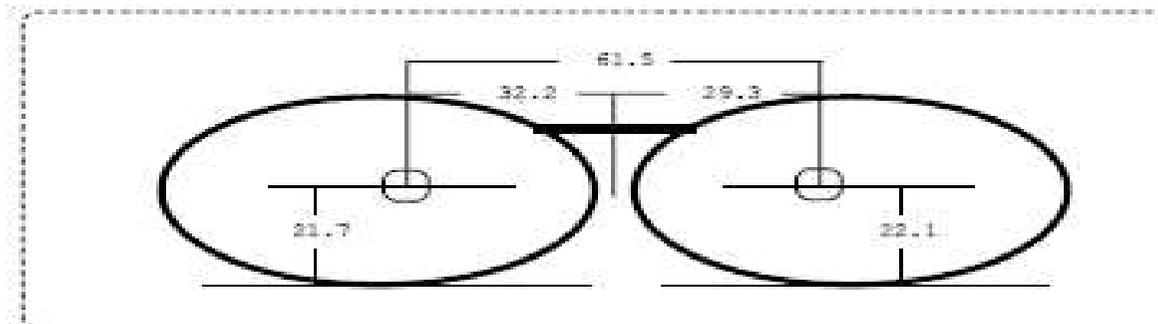
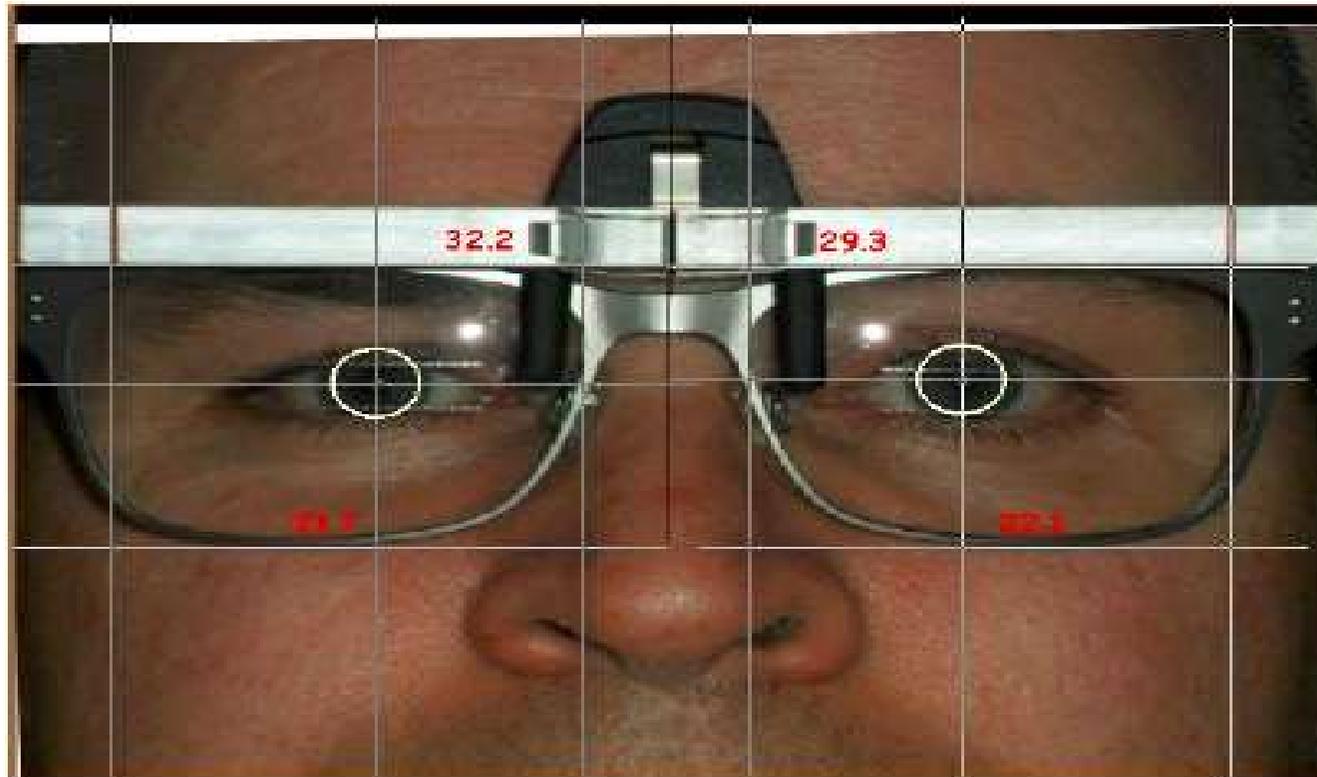
Right eye shielded
(measure Left eye)

PD METER CALIBRATION

- You should make it a habit to check the calibration of your PD meter on a weekly basis, or after it has experienced some sort of trauma
- Set the dial to Infinity
- Look through the meter and line up the needles with the small black notches at the bottom center of the viewing field
- The reading should equal 60



PICTURE FOR PUPILLARY HEIGHT



TOOL FOR PICTURES



TOOL FOR PICTURES



HOW TO TAKE THE PICTURES



WARRANTY AND RETURN

- **Warranty:** loupes 3 years, LED 1 year from purchasing date;
- **Return:** mandatory sending the goods with the original packaging, RM form properly filled and delivery document.

Please contact your customer service
Ms.Eletta Bellandi bellandie@univet.it
Ms.Daniela Orsini orsinid@univet.it

BEFORE SENDING ANY PARCEL TO UNIVET

TTL TROUBLESHOOTING

CORRECT VISION



Loupes fits too high: open the nose pad to adjust the fitting

TTL TROUBLESHOOTING



Loupes fits too low: tighten the nose pad to adjust the fitting

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