



ophthalmic instruments



trial lenses sets made in italy

We manufacture **high quality** trial lenses by ourselves in our factory in Milan since 1971. The product is **100% Made in Italy**.

The raw materials choice is guarantee of long life and faultless products.

The carefull processing of lenses roughing, grinding and polishing guarantee **small thicknesses** in the middle and on the borders to avoid the astigmatism of the oblique rays in conformity with the international standards.

We assure: **exact dioptric powers**, the geometric centers coinciding with **optic centers**, the cylindrical lenses **axis** is geometrically centered.

We use **white optical glass** with refractive index 1.523.

Spherical lenses: bi-concave and bi-convex diameter mm 22.

Cylindrical lenses: plano-concave and plano-convex - measures mm 22 x 18.

Prisms: measures mm 22 x 18.

The rims are made of nylon, 38 mm diameter, in green color for plus powers and amaranth/red for minus powers.

The cases are made of similar leather or beech-wood coated with specific water painting.

Produciamo lenti di prova di **altissima qualità** esclusivamente nel nostro laboratorio sin dal 1971. Il prodotto è **100% Made in Italy**.

La scelta delle materie prime è frutto di approfondite ricerche e garantisce un prodotto duraturo e privo di difetti.

Le lavorazioni accurate di sbazzatura, lappatura e lucidatura garantiscono **spessori minimi** al centro e ai bordi evitando così l'astigmatismo dei raggi obliqui nel totale rispetto dei parametri previsti dalle norme internazionali.

Assicuriamo certezza del **potere diottrico**, centratura del **centro ottico** con quello geometrico e centratura dell'**asse** nelle lenti cilindriche con bassissime tolleranze.

Viene impiegato **vetro ottico bianco** con indice di rifrazione 1.523.

Lenti sferiche: biconcave e biconvesse con diametro di mm 22.

Lenti cilindriche: piano-concave e piano-convexe con misure mm 22 x 18.

Lenti prismatiche: misure mm 22 x 18.

Le montature delle lenti sono realizzate in nylon con diametro esterno di mm 38, di colore amaranth per i poteri negativi e verde per i poteri positivi.

I contenitori sono in simil-pelle o prodotti in legno di faggio evaporato trattato con vernice trasparente ad acqua.



90 LENSES - THE SMALLEST SET

90 LENTI – IL SET PIU' PICCOLO

Lenses: White optical glass - diameter 22 mm

Rims: Plastic (Nylon) - diameter 38 mm



- **100/D** DOCSET - mm 350 X 220 X 76

PORTABLE CASE 90 LENSES
VALIGETTA 90 LENTI

Technical specifications



SPHERES - SFERE	CYLINDERS - CILINDRI	PRISMS - PRISMI	ACCESSORIES - ACCESSORI
17 pairs each Plus and Minus	8 pairs Minus only	4 pcs. from 1° to 4°	2 pcs.
- 0.25 to 2.00 in step of 0.25D - 0.25 to 5.00 in step of 0.50D - 6.00 to 10.00 in step of 2.00D	- 0.25 to 1.00 in step of 0.25D - 1.50 to 3.00 in step of 0.50D		- (occluder disc, frosted glass)

158 LENSES - THE MEDIUM COMPOSITION SET

158 LENTI – IL SET MEDIO

Lenses: White optical glass - diameter 22 mm

Rims: Plastic (Nylon) - diameter 38 mm

- **101/M** MINI - mm 365 X 340 X 60

WOODEN CASE 158 LENSES
CASSETTA LEGNO 158 LENTI



- **102/P** PORTABLE - mm 360 X 365 X 76

PORTABLE CASE 158 LENSES
VALIGETTA 158 LENTI

Technical specifications



SPHERES - SFERE	CYLINDERS - CILINDRI	PRISMS - PRISMI	ACCESSORIES - ACCESSORI
25 pairs each Plus and Minus	12 pairs each Plus and Minus	5 pcs. from 1° to 5°	5 pcs.
- 0.25 to 4.00 in step of 0.25D	- 0.25 to 2.00 in step of 0.25D		- (red and green glass, stenopaic slit, pin hole, occluder disc)
- 4.50 to 5.00 in step of 0.50D	- 2.50 to 4.00 in step of 0.50D		
- 6.00 to 10.00 in step of 1.00D			
- 12.00 to 15.00 in step of 3.00D			

• **103/T TRAY 158** - mm 332 X 292 X 50

WOODEN TRAY FOR UNIT 158 LENSES
VASSOIO PER RIUNITO 158 LENTI



• **103/L SET 158**

SET OF 158 LENSES ONLY
SERIE 158 LENTI SENZA CONTENITORE

Technical specifications



SPHERES - SFERE	CYLINDERS - CILINDRI	PRISMS - PRISMI	ACCESSORIES - ACCESSORI
25 pairs each Plus and Minus	12 pairs each Plus and Minus	5 pcs. from 1° to 5°	5 pcs.
- 0.25 to 4.00 in step of 0.25D - 4.50 to 5.00 in step of 0.50D - 6.00 to 10.00 in step of 1.00D - 12.00 to 15.00 in step of 3.00D	- 0.25 to 2.00 in step of 0.25D - 2.50 to 4.00 in step of 0.50D		- (red and green glass, stenopaic slit, pin hole, occluder disc)

232 LENSES - THE BIG COMPOSITION SET

232 LENTI – IL SET GRANDE E COMPLETO

Lenses: White optical glass - diameter 22 mm

Rims: Plastic (Nylon) - diameter 38 mm

- **105/N STANDARD** - mm 475 X 362 X 60

WOODEN CASE 232 LENSES

CASSETTA LEGNO 232 LENTI



- **106/H SPECIAL HANDLE** - mm 472 X 385 X 76

PORTABLE CASE 232 LENSES

VALIGETTA 232 LENTI

Technical specifications



SPHERES - SFERE	CYLINDERS - CILINDRI	PRISMS - PRISMI	ACCESSORIES - ACCESSORI
34 pairs each Plus and Minus	19 pairs each Plus and Minus	10 pcs. from 1° to 10°	10 pcs.
0,12	- 0.12		- (red and green glass, stenopaic slit, pin hole, occluder disc, frosted glass, maddox, 2 cross line, neutral glass)
- 0.25 to 4.00 in step of 0.25D	- 0,25 to 3.50 in step of 0.25D		
- 4.50 to 7.00 in step of 0.50D	- 4.00 to 5.00 in step of 0.50D		
- 8.00 to 16.00 in step of 1.00D	- 6.00		
- 18.00 to 20.00 in step of 2.00D			

• **107/T TRAY 232** - mm 444 X 315 X 50

WOODEN TRAY FOR UNIT 232 LENSES
VASSOIO PER RIUNITO 232 LENTI



• **108/L SET 232**

SET OF 232 LENSES ONLY
SERIE 232 LENTI SENZA CONTENITORE

Technical specifications



SPHERES - SFERE	CYLINDERS - CILINDRI	PRISMS - PRISMI	ACCESSORIES - ACCESSORI
34 pairs each Plus and Minus	19 pairs each Plus and Minus	10 pcs. from 1° to 10°	10 pcs.
- 0,12	- 0.12		- (red and green glass, stenopaic slit, pin hole, occluder disc, frosted glass, maddox, 2 cross line, neutral glass)
- 0.25 to 4.00 in step of 0.25D	- 0,25 to 3.50 in step of 0.25D		
- 4.50 to 7.00 in step of 0.50D	- 4.00 to 5.00 in step of 0.50D		
- 8.00 to 16.00 in step of 1.00D	- 6.00		
- 18.00 to 20.00 in step of 2.00D			

232 LENSES - THE BIG COMPOSITION SET - EXTRA QUALITY CABINET

232 LENTI – IL SET GRANDE E COMPLETO - MOBILETTI

Lenses: White optical glass - diameter 22 mm

Rims: Plastic (Nylon) - diameter 38 mm

- **110/M** WALL OBLIQUE - *OBLIQUA A MURO* - mm 500 X 183 X 505

WOODEN CABINET 232 LENSES WITH ROLLING SHUTTER
MOBILETTO IN LEGNO 232 LENTI CON SERRANDA E STIPETTO



Technical specifications



SPHERES - SFERE	CYLINDERS - CILINDRI	PRISMS - PRISMI	ACCESSORIES - ACCESSORI
34 pairs each Plus and Minus	19 pairs each Plus and Minus	10 pcs. from 1° to 10°	10 pcs.
- 0,12	- 0.12		- (red and green glass, stenopaic slit, pin hole, occluder disc, frosted glass, maddox, 2 cross line, neutral glass)
- 0.25 to 4.00 in step of 0.25D	- 0,25 to 3.50 in step of 0.25D		
- 4.50 to 7.00 in step of 0.50D	- 4.00 to 5.00 in step of 0.50D		
- 8.00 to 16.00 in step of 1.00D	- 6.00		
- 18.00 to 20.00 in step of 2.00D			

• **110/O** OBLIQUE - *OBLIQUA* - mm 484 X 425 X 175

WOODEN CABINET 232 LENSES WITH ROLLING SHUTTER
MOBILETTO IN LEGNO 232 LENTI CON SERRANDA



• **110/V** VERTICAL WOOD - *VERTICALE LEGNO* - mm 497x380x365

WOODEN CABINET 232 LENSES WITH ROLLING SHUTTER
MOBILETTO LEGNO 232 LENTI CON SERRANDA

• **110/P** VERTICAL LAMINATE - *VERTICALE BIANCA* - mm 497x380x365

WHITE LAMINATE CABINET 232 LENSES WITH ROLLING SHUTTER
MOBILETTO LAMINATO BIANCO 232 LENTI CON SERRANDA

Technical specifications



SPHERES - SFERE	CYLINDERS - CILINDRI	PRISMS - PRISMI	ACCESSORIES - ACCESSORI
34 pairs each Plus and Minus	19 pairs each Plus and Minus	10 pcs. from 1° to 10°	10 pcs.
- 0,12	- 0.12		- (red and green glass, stenopaic slit, pin hole, occluder disc, frosted glass, maddox, 2 cross line, neutral glass)
- 0.25 to 4.00 in step of 0.25D	- 0,25 to 3.50 in step of 0.25D		
- 4.50 to 7.00 in step of 0.50D	- 4.00 to 5.00 in step of 0.50D		
- 8.00 to 16.00 in step of 1.00D	- 6.00		
- 18.00 to 20.00 in step of 2.00D			



UNIVERSAL TRIAL FRAME OCCHIALE DI PROVA UNIVERSALE

- **120/T** UNIVERSAL TRIAL FRAME - OCCHIALE DI PROVA UNIVERSALE



Technical specifications



TECHNICAL DATA	DATI TECNICI
Features 360° rotation P.D. 50 - 80 mm Arms adjustable in extension and scope Nose - rest adjustable in height and scope Precision measurement of corneal range Weight 58 g	Supporti ruotanti di 360° Distanza interpupillare da mm 50 a mm 80 Astine regolabili in lunghezza e inclinazione Nasello regolabile in altezza e inclinazione Dispositivo misurazione distanza apice corneale Peso g 58

DIAGNOSTIC AND LASER LENSES

LENTI DIAGNOSTICHE - LASER

- 160/D THREE UNIVERSAL MIRRORS - MULTILAYER
TRE SPECCHI UNIVERSALI - MULTILAYER
59° - 67° - 73°

- 170/Y THREE UNIVERSAL MIRRORS - YAG
TRE SPECCHI UNIVERSALI - YAG
59° - 67° - 73°
HeNe/ND Yang



- POSTERIOR CAPSULOTOMY IN PSEUDO APHAKIA
CAPSULOTOMIA POSTERIORE IN PSEUDO AFACHIA • 176/Y
mm. 3/7 - HeNe/ND yang

- POSTERIOR VITREOUS SURGERY
CHIRURGIA DEL VITREO POSTERIORE • 177/Y
P 18 HeNe/ND Yang

- DEEP VITREOUS SURGERY
CHIRURGIA DEL VITREO PROFONDO • 178/Y
HeNe/ND Yang



- 179/A IRIDECTOMY AND IRIS SURGERY - YAG
IRIDECTOMIA E CHIRURGIA DELL'IRIDE - ARGON
Argon blue - green

- 179/Y IRIDECTOMY AND IRIS SURGERY - YAG
IRIDECTOMIA E CHIRURGIA DELL'IRIDE - YAG
HeNe/ND Yang

- 180/Y MEMBRANOTOMY AND CAPSULOTOMY IN APHAKIA
MEMBRANOTOMIA E CAPSULOTOMIA IN AFACHIA
HeNe/ND Yang



- MID VITREOUS SURGERY
CHIRURGIA DEL MEDIO VITREO • 181/Y
HeNe/ND Yang

- ANTERIOR VITREOUS SURGERY
CHIRURGIA DEL VITREO ANTERIORE • 182/Y
HeNe/ND Yang



ALL LENSES ARE MADE PLATINUM
FREE OF BK - 7 GLASS;
100% TRANSMISSION LIGHT,
NO REFLECTION, NO ABERRATION.

LE LENTI SONO PRODOTTE IN VETRO OTTICO BK - 7
ESENTE DA PLATINO. TUTTI I TRATTAMENTI
MULTISTRATI SONO EFFETTUATI SOTTO VUOTO
E PERMETTONO QUINDI UNA RIFLESSIONE TOTALE.



C.I.O.M. srl - Via Sapi, 14/6 - 20156 MILANO - ITALY - Tel. +39 (0)2 33402669 - Fax +39 (0)2 33402671
www.ciom.it - info@ciom.it