

**TRIAL LENS SET & TRIAL FRAME**

# **TLS-SERIES**

**TLS FULL DIAMETER**



**TLS DELUXE**

**TRIAL FRAME**



# D ELUXE TRIAL LENS SET WITH CORRECTED

Topcon knows what many practitioners look for in a trial lens set: The highest degree of accuracy to determine visual acuity, and convenience of use. The Topcon Deluxe Trial Lens Set offers a complete selection of lens powers, featuring the optical superiority of a special corrected curve design that compensates for thickness and air space between combined lenses. This allows the practitioner to read the exact correction directly from the frame.

**The Topcon Deluxe Trial Lens Set also offers a variety of features for easy and efficient operation, including:**

- Lenses marked only on one side to ensure correct positioning in the trial frame.
- Sturdy lightweight aluminum rings that are color-coded and marked for easy identification: red for minus, black for plus and blue-gray for prisms and accessories.
- All lenses are cemented as well as firmly clamped to ensure precision in the alignment.

The Corrective Curve Trial Lens Set comes in a sturdy holding tray with beveled slots for fast and easy insertion. The Deluxe Set includes minus and plus spherical lenses, prisms, other accessory lenses and various cylinder power lenses.



CARRYING CASE  
optional

# FULL DIAMETER TRIAL LENS SET

The Topcon Full Diameter Trial Lens Sets are a cost-effective combination of spheres, cylinders and accessory lenses. These economical bi-convex and bi-concave lenses are mounted in metal rims that have the lens power engraved in both sides of the handle. The full diameter lens provides a wide field of view during refraction. These lenses can be used with instruments that require a patient's correction such as a visual field. The Topcon Full Diameter Trial Lens Sets are supplied with a handsome velvet lined vinyl carrying case.

## CURVE LENSES



Carrying Case is standard with the Full Diameter Trial Lens Set

### Deluxe Trial Lens Set

- Spheres	Prisms	Accessories	+ Spheres
	20.00*	Red Maddox Rod*	20.00*
	12.00* 15.00*		16.00* 18.00*
	8.00* 10.00*		14.00* 15.00*
	5.00* 6.00*	Pin Hole*	13.00* 13.50*
	4.00	Stenopaic Slit*	12.50
	3.00	Red Lens*	12.00
20.00*	2.00		11.50
16.00* 18.00*	1.50	±0.50	11.00
13.00* 14.00*	1.00	Cross	10.50
12.00	.50	Cylinders	10.00
11.00		Occluder	9.50
10.00		0.00 Sphere	9.00
9.00			8.50
8.00			8.00
7.50			7.50
7.00			7.00
6.50			6.50
6.00			6.00
5.50			5.50
5.00			5.00
4.50			4.50
4.00			4.00
3.75			3.75
3.50			3.50
3.25			3.25
3.00			3.00
2.75			2.75
2.50			2.50
2.25			2.25
2.00			2.00
1.75			1.75
1.50			1.50
1.25			1.25
1.00			1.00
.75			.75
.62			.62
.50			.50
.37			.37
.25			.25
.12			.12

\*Individual Lenses Total Lenses : 271 pcs.

### Full Diameter Trial Lens Set

- Spheres	Prisms	Auxiliary	+ Spheres
20.00	10.00*	.50[+/-]Jackson	20.00
18.00	8.00*	Cross Cylinder*	18.00
16.00	6.00*	Red-Free Lens*	16.00
15.00	5.00*	Green-Free Lens*	15.00
14.00	4.00	Cross Hair lens*	14.00
13.00	3.00	Plano Lens*	13.00
12.00	2.00	1.00mm Pinhole*	12.00
11.00	1.00	1.50mm Pinhole*	11.00
10.00	.50	1.00mm Slit*	10.00
9.00		Maddox Lens*	9.00
8.00		Occluder*	8.00
7.50			7.50
7.00			7.00
6.50			6.50
6.00			6.00
5.75			5.75
5.50			5.50
5.25			5.25
5.00			5.00
4.75			4.75
4.50			4.50
4.25			4.25
4.00			4.00
3.75			3.75
3.50			3.50
3.25			3.25
3.00			3.00
2.75			2.75
2.50			2.50
2.25			2.25
2.00			2.00
1.75			1.75
1.50			1.50
1.25			1.25
1.00			1.00
.75			.75
.50			.50
.25			.25
.12			.12

\*Individual Lenses Total Lenses : 260 pcs.

# T RIAL FRAME

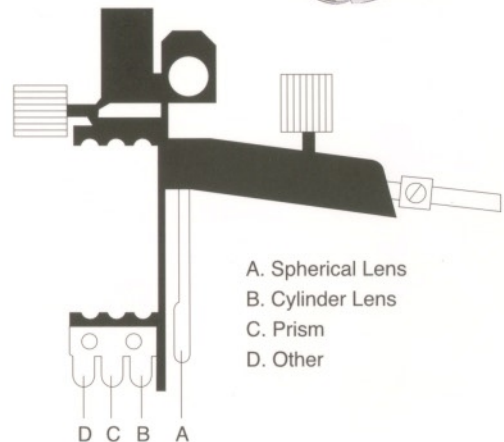
The Topcon all-metal Trial Frame is constructed for durability and long life, while being lightweight and comfortable to wear.

The practical screw-thread design on all fittings allows for easy replacement of springs, templates and other components when the frame requires service.

The leaf spring loaded temples hold the frame snugly without creating any discomfort for the patient.

**For a perfect fit and accurate settings, the TOPCON Trial Frame offers a vast array of features such as:**

- Horizontal and vertical bridge adjustments.
- An adjustable saddle bridge assures a comfortable nose fit.
- Separate PD adjustment for each eye to compensate for asymmetrical factors in facial structure.
- Individual adjustments for temple length and angle.
- Adjustment for rotating cylinders to correct the axis.
- Scales with large, easy-to-read numerals.
- The spacing of the lens holders ensures accurate additive readings when the TOPCON Corrected Curve Additive Design lenses are used in the frame.



- A. Spherical Lens
- B. Cylinder Lens
- C. Prism
- D. Other

## SPECIFICATIONS:

Length of Temple	Min. 100mm / Max. 137mm
PD Adjustment	Min. 100mm / Max. 137mm (Calibrated 24mm to 37mm each side in 1mm steps)
Elevation Distance Adjustment Range	15mm
Vertex Distance Adjustment Range	18mm (Calibrated $\pm 5$ mm by 1mm steps from 12mm vertex)
Weight	76.5g

\*Subject to change in design and/or specifications without advanced notice.

### IMPORTANT

In order to obtain the best results with this instrument, please be sure to review all user instructions prior to operation.



TOPCON CORPORATION



Certificate No. JP00/18661QA  
TOPCON CORPORATION



Certificate No. EC97J1081  
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