

TRIAL LENS SETS

ESS260 / ESS167 / ESS026

User manual

INTRODUCTION

The information contained in this document is not contractual and is of a purely indicative nature. It is subject to modification without warning. Omissions and errors may occur in such a document, although all efforts are made to avoid them. Under no circumstances may Essilor be held responsible for any functional problems or loss of data resulting from such errors or omissions.

The ESSILOR trial lens sets are easy-to-use vision testing instruments.

This user manual is available on a web space. To access it, please scan the QR code below using a dedicated application.



CHARACTERISTICS OF THE PRODUCT

The ESSILOR trial lens sets contain spherical, cylindrical and prismatic trial lens along with accessories.

Every lens is subject to an accurate factory quality check. Each lens has its own designated place in the protective storage case. This enables correct storage of the lens and prevents damage to or loss of lenses.

Lens power and type is marked on both the lens and the relevant storage slot. All lenses are assembled in chromed brass rings.

Positive refractive power lenses are marked with a + symbol before the dioptré, the negative power lenses are marked with a -. Prismatic lenses are preceded by a Δ symbol. The accessories are marked with normalised letters.

In order to allow an easy recognition of the type of lens (spherical, cylindrical, prismatic, accessory) the set is subdivided in sections each containing a different type. Such sections are marked with labels for easy recognition.

The 260 lenses' set contains:

- 39 pairs of spherical lenses, positive and negative
- 20 pairs of cylindrical lenses, positive and negative
- 14 prisms from 1° to 10°
- 10 accessories

The 167-lens set contains:

- 26 pairs of spherical lenses, positive and negative
- 13 pairs of cylindrical lenses, positive and negative
- 5 prisms from 1° to 5°
- 6 accessories

All products are Class I (without measuring function) and comply with the  marking, regulation 2017/745/UE.

	ESS167	ESS260 / ESS026
Dimensions	462 × 322 × 95 mm (18 × 13 × 4 in)	462 × 370 × 95 mm (18 × 15 × 4 in)
Weight	3.9 kg (8.6 lb)	4.8 kg (10.6 lb)
Life cycle	10 years	10 years
Date of 1st marking	1998	2006 / 2015

INSTRUCTIONS FOR USE

For a correct use of the trial lens ESSILOR, it is necessary to use a pair of trial frames.

The lenses must be placed onto the trial frames, which have been already placed on the patient's face.

The operator, changing the type and dioptric power of the lenses, allows the patient to have an optimal sight when looking at a test chart. The operator is then able to make an assessment of the correct prescription.

WARNING

For the correct use and durability of the trial lens set ESSILOR it is suggested to observe the following precautions.

- Do not expose on a direct flame or on sources of heat
- Do not leave the case on radiators or other hot surfaces.
- Do not clean the lenses with abrasive materials as this could create scratches
- Do not drop the lenses.
- Always, after use, replace the lenses in the correct slot in the storage case.

Any use which does not comply with these instructions may give rise to risks.

MAINTENANCE

To maintain the product in perfect condition it is necessary to clean the product AT LEAST ONCE A MONTH. For this we suggest the following steps:

1. remove, with a soft paint brush, any loose dirt or dust particles
2. clean the surface of the lens with a soft cloth, slightly dampened with a suitable non-abrasive cleansing fluid.

It is important to follow the order of the steps hereby suggested, in order to prevent accidental scratches.

ACID OR ABRASIVE DETERGENTS MUST NOT BE USED

Using properly cleaned lenses is essential for a correct and precise sight examination.

COMPOSITION ESS260/ESS026

Concave Sph (-)		Convex Sph (+)		Cyl (-)		Cyl (+)		Prism			
0.25	2	5.25	2	0.25	2	5.25	2	0.25	2	0.50	2
0.50	2	5.50	2	0.50	2	5.50	2	0.50	2	1.00	2
0.75	2	5.75	2	0.75	2	5.75	2	0.75	2	2.00	2
1.00	2	6.00	2	1.00	2	6.00	2	1.00	2	3.00	2
1.25	2	6.50	2	1.25	2	6.50	2	1.25	2	4.00	2
1.50	2	7.00	2	1.50	2	7.00	2	1.50	2	5.00	1
1.75	2	7.50	2	1.75	2	7.50	2	1.75	2	6.00	1
2.00	2	8.00	2	2.00	2	8.00	2	2.00	2	8.00	1
2.25	2	8.50	2	2.25	2	8.50	2	2.25	2	10.00	1
2.50	2	9.00	2	2.50	2	9.00	2	2.50	2		
2.75	2	9.50	2	2.75	2	9.50	2	2.75	2		
3.00	2	10.00	2	3.00	2	10.00	2	3.00	2		
3.25	2	11.00	2	3.25	2	11.00	2	3.25	2		
3.50	2	12.00	2	3.50	2	12.00	2	3.50	2		
3.75	2	13.00	2	3.75	2	13.00	2	3.75	2		
4.00	2	14.00	2	4.00	2	14.00	2	4.00	2		
4.25	2	16.00	2	4.25	2	16.00	2	4.50	2		
4.50	2	18.00	2	4.50	2	18.00	2	5.00	2		
4.75	2	20.00	2	4.75	2	20.00	2	5.50	2		
5.00	2			5.00	2			6.00	2		

Accessories	
Maddox	1
Cross	1
Stenopaic hole	2
Occlusion	1
Slit	1
Red filter	1
Green filter	1
Cross cylinder	1
Plane lens	1

COMPOSITION ESS167

Concave Sph (-)		Convex Sph (+)		Cyl (-)		Cyl (+)		Prism			
0.25	2	3.50	2	0.25	2	3.50	2	0.25	2		
0.50	2	3.75	2	0.50	2	3.75	2	0.50	2	1.00	1
0.75	2	4.00	2	0.75	2	4.00	2	0.75	2	2.00	1
1.00	2	4.50	2	1.00	2	4.50	2	1.00	2	3.00	1
1.25	2	5.00	2	1.25	2	5.00	2	1.25	2	4.00	1
1.50	2	6.00	2	1.50	2	6.00	2	1.50	2	5.00	1
1.75	2	7.00	2	1.75	2	7.00	2	1.75	2		
2.00	2	8.00	2	2.00	2	8.00	2	2.00	2		
2.25	2	9.00	2	2.25	2	9.00	2	2.50	2		
2.50	2	10.00	2	2.50	2	10.00	2	3.00	2		
2.75	2	12.00	2	2.75	2	12.00	2	3.50	2		
3.00	2	16.00	2	3.00	2	16.00	2	4.00	2		
3.25	2	20.00	2	3.25	2	20.00	2	6.00	2		

Accessories	
Stenopaic hole	1
Occlusion	1
Slit	1
Red filter	1
Green filter	1
Cross cylinder	1

The user shall notify any serious incident that has occurred in relation to the device to the manufacturer and the competent authority of the Member State in which he is established.

DISPOSAL

When it reaches the end of its lifetime, the instrument should not be thrown out with the household refuse. It can be disposed of at a waste management center operated by the municipality or the retailers who offer this service.



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