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Field of view assessment equipment

Description



This equipment can be used to assess the field of view of an eye/face protector in accordance with various EN and/or ISO standards. It is available in 3 configurations and with a variety of headforms (sold separately*) as detailed below.

The headform can be rotated about its vertical and horizontal axis allowing the included laser to target each corneal vertex and varying angles of incidence so the temporal, nasal, superior and inferior fields of view can be determined. Headforms are easily interchangeable.

EN Configuration (Product code ITY-6484)

This configuration includes a mount to accommodate an EN 168 headform*, rotation mechanism for the headform, laser and ellipses as described in EN 168.

ISO Configuration (Product code ITY-6485)

This configuration includes a mount to accommodate an ISO 18526-4 headform*, rotation mechanism for the headform, laser and electronic detection system to indicate when the laser is occluded.

EN & ISO Configuration (Product code ITY-6483)

This configuration includes a mount to accommodate an EN 168 or ISO 18526-4 headform*, rotation mechanism for the headform, laser, ellipses as described in EN 168 and electronic detection system to indicate when the laser is occluded.

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Field of view assessment equipment (continued)

Services required

Bench mounted.

Mains electricity.

The rig is designed to operate in the conditions specified by the relevant standards listed below.

Storage conditions should be restricted to 5 to 35°C and <85%RH.

Optional items

Headform	Product code
1-S	ITY-5911
1-M	ITY-5912
1-L	ITY-5913
2-S	ITY-5914
2-M	ITY-5915
2-L	ITY-5916
EN 168 Medium	ITY-6486
EN 168 Small	ITY-6487

Contact us for more details.

Approximate dimensions

100 x 75 x 70 cm : 50kg

Relevant standards

ISO 16321-1:2021 clause 5.1

ISO 18526-3:2020 clause 6.2

EN 168:2001 clause 18