

Telescope and target test equipment

Description:

The equipment comprises a calibrated telescope, fitted with a headform for mounting the eye protectors in the as-worn position. The headform has 30 mm diameter holes drilled through from front to back at each eye position, at a pupillary distance of 64/54mm (adult/child). This assembly stands on a bench so that the telescope is at the eye level of the operator.

Located 4.6m away from the end of the telescope, at the same level, is an illuminated, optical target which the operator observes through the telescope and test sample eye protectors. The target may be rotated in order to align the principal axis of the oculars.

The controls for this motorised rotation, and for the brightness of the illumination, are located at the operator position by the telescope. Having focussed the telescope, the digital display provides a value to be inputted into the supplied spreadsheet, to calculate the refractive power.

Optional items:

ANSI conversion kit (includes sunburst & high contrast test patterns, and mirror)
Additional EN headform (a single, medium or small, headform is supplied with the equipment)
Calibration lenses (set of six)

Services required:

Bench mounted
110/230 volts AC, 50/60Hz, mains electricity

Approximate packed size & weight:

100 x 60 x 60 cm : 75 kg

Relevant standards:

BS EN 167:2002, clause 3.1.1
ANSI Z87.1:2010, clause 9.4.2
AS/NZS 1337-1:2010, appendix E

ISO 12311:2013
ISO 12312-1:2013, Part 1



Please [contact us](#) for a quotation

Effective November 2017

Your global partner for testing and certification of all types of personal protective equipment

Registered Number 2218329

www.inspec-international.com

Incorporated in England