

Light diffusion test equipment

Description:

The equipment, described in EN 167 as the Simplified Method, provides for light diffusion measurements to be made on specimen oculars from clear, down to tinted at welding shade 5.

It comprises three main sections within a self-contained steel cabinet:

- A chamber containing the Helium Neon laser as the light source;

- The sample chamber, that provides mounting for the specimen and contains the aperture plate;

- The detector chamber.

The equipment can correct for prismatic effect in the test ocular.



Services required:

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

Approximate packed size & weight:

195 x 80 x 80 cm, 150 kg

Relevant standards:

EN 167:2001, clause 4.2.2
AS/NZS 1337-1:2010, appendix I