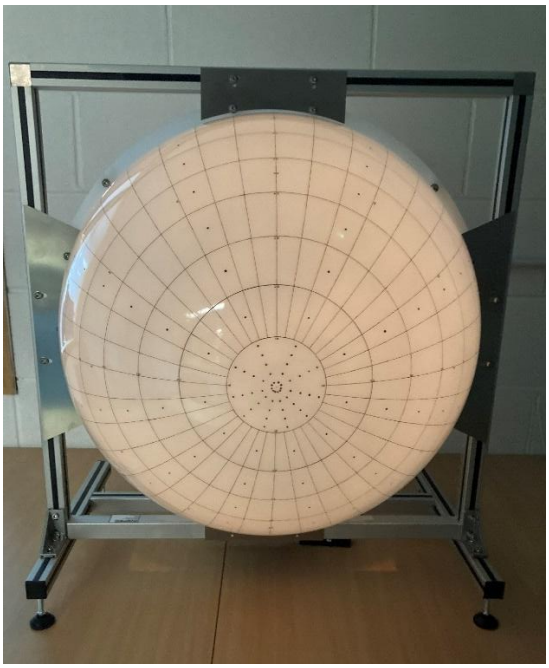
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Stolle apertometer

Description



The apertometer comprises two major assemblies fixed to a suitable frame to enable bench mounting:

A headform with light bulbs located at the eye positions.
A graduated, translucent, thermo-formed plastic bowl of nominal 610mm diameter which is also marked with the Visual Field Dots specified in ISO 16900-11:2013.

Relevant datasheets are provided with the apertometer to enable its use for Stolle Field of Vision or for the measuring the Visual Field Score of respirators.

A drawing board or flat surface for measuring shadow areas, clipboard and the required tensioning masses (refer to standard) will be required.

A planimeter, or similar, is needed to measure the areas of the field of vision chart, produced using the apertometer. One can be supplied with the apertometer, please specify this if it is required.

Technical specification

	Min	Max
Supply voltage	100	240
Supply Frequency (Hz)	50	60

The bulbs are 12VDC and 22W.

Dimensions

Item	Width (mm)	Depth (mm)	Height (mm)	Weight (kg)
Apertometer Bowl	660	520	690	10
Apertometer Head	170	210	460	5

Bench mounted

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.

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Stolle apertometer (continued)

Consumables

Talcum powder
Pencil

Relevant standards

The equipment complies with the test equipment specified in the following standards, or the standards called up by them: BS 8468-2:2020, clause 5.1; EN 136:1998, clause 7.21; EN 250:2014, clause 5.10.5.2; EN 12941:1998, clause 6.3.3 and EN 12942:1998, clause 6.3.2.4. Additionally, the apertometer bowl is marked with the Visual Field Dots specified in ISO 16900-11:2013.