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Sheffield Head

Description

The Sheffield head is specified by many standards covering respiratory protective devices for supporting a facepiece during testing and simulated breathing.



The headforms are manufactured in a variety of materials but all have a concentric tube assembly securely fastened within the head for connection to an external breathing circuit, eg, breathing machine, blower or other type of air mover.

The base of the headforms is flat, but angled, so that the head is leaning backwards. This is to prevent any moisture running forward into the facepiece being tested.

Technical Specification

Variant	Title	Description	Services Required	Size & weight
1SH	Sheffield head	Rigid mounted core covered with polyurethane to simulate flesh/skin	Bench mounted	28 x 16 x 26 cm: 6.2kg
1SHA	Sheffield head - aluminium	A standard Sheffield head cast in aluminium.	Bench mounted	28 x 16 x 26 cm: 5.6kg

The headform 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.

Relevant standards

The headform is called up in the following standards, or the standards called up by them:

AS/NZS 1716:2012	EN 140:1998	EN 1061:1997	EN 13274-8:2002
BS 8468-1:2006	EN 149:2001	EN 1827:2009	EN 13794:2002
BS 8468-2:2020	EN 269:1994	EN 12941:2008	EN 14593-1:2018
EN 136:1998	EN 402:2003	EN 12942:2008	EN 14593-2:2005
EN 137:2006	EN 403:2004	EN 13274-3:2001	EN 14594:2018
EN 138:1994	EN 405:2001	EN 13274-6:2002	

The Aluminium Sheffield Head can be used for the above standards but over a wider temperature range.

Please contact us for a quotation 1SHx.2207