

Sheffield head

Description

Sheffield heads are specified for supporting a facepiece during testing.

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, e.g. 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.

All the headforms come with the elbow insert for the measurement of breathing resistance.

There are two basic types, those attached to a torso and those which are not.

For the Sheffield Torso please go to our website using this link – [Sheffield Torso](#)



Summary

Reference	Title	Description	Services Required	Size & weight
1SH021	Sheffield headform	Rigid mounted core covered with polyurethane to simulate flesh/skin	Bench mounted	28 x 16 x 26 cm: 5.6kg
1SHR010	Sheffield headform – right angled tubes	As above but with right-angled concentric tubes and mounted on a base.	Bench mounted	28 x 16 x 36 cm: 6kg
1SHA010	Sheffield head - aluminium	A standard Sheffield head cast in aluminium.	Bench mounted	28 x 16 x 26 cm: 5.6kg

Optional extras

The button probe specified by some standards is available as an optional extra.

Relevant standards

AS/NZS 1716 : 2012	EN 140 : 1998	EN 405 : 2001	EN 13274-6 : 2002
BS 8468-1 : 2006	EN 145 : 1997	EN 1061 : 1996	EN 13274-8 : 2002
BS 8468-2 : 2006	EN 149 : 2009	EN 1827 : 2009	EN 13794 : 2002
EN 136 : 1998	EN 269 : 1994	EN 12941 : 2008	EN 14593-1 : 2005
EN 138 : 1994	EN 402 : 2003	EN 12942 : 2008	EN 14593-2 : 2005
EN 137 : 2006	EN 403 : 2004	EN 13274-3 : 2001	EN 14594 : 2018



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