

Earmuff headband fit and force test equipment

Description:

As fully described in EN 13819-1, and specified in EN 352-1, this instrument is designed to facilitate measurement of the force exerted by the headband of a pair of earmuffs over a wide range of size adjustment.

The settings of 'head height' and 'head width' are directly indicated and cup articulation up to $\pm 15^\circ$ from parallel can be assessed.

If a 'print' of the cushion contact area is made and subsequently measured, and the indicated force is noted, then cushion pressure can be derived.

By interchanging the height indicator, helmet mounted muffs as specified in EN 352-3, can be similarly evaluated.

Not included, but recommended, is a planimeter, suitable for measuring the cushion contact area mentioned above. Please refer to separate specification.

Services required:

Bench mounted. Either 230 or 115vac, 50/60Hz mains electricity. Please specify.

Approximate packed size & weight:

60 x 30 x 40 cm : 30 kg.

Relevant standard:

EN 13819-1 : 2002, Figs 3 and 6

Delivery: Approximately 12 weeks from receipt of order and deposit.

Effective: May 2008

