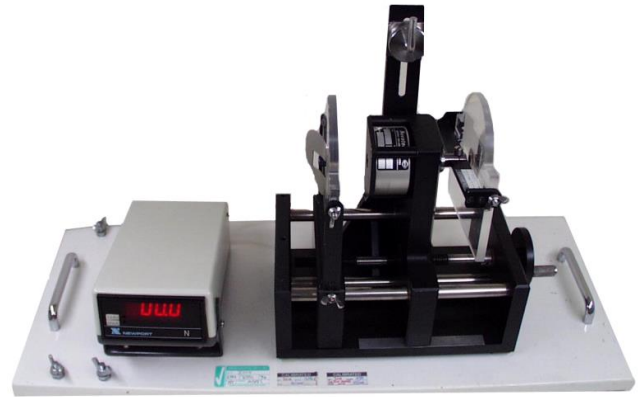


Earmuff fit and force test equipment

Description:

As fully described in the standard, and required for testing earmuffs to in EN 352 Parts 1 and 3, this equipment facilitates measurement of the adjustability of, and force exerted by, the headband of a pair of earmuffs, over a wide range of size adjustment.

The settings of 'test height', 'test width' and 'test depth' 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 indicators, helmet mounted muffs can be similarly evaluated.

A pair of the specified artificial pinnae and securing screws are included.

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

Services required:

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

Approximate packed size & weight:

60 x 40 x 30 cm : 30 kg

Relevant standard:

EN 13819-1:2002, clauses 4.2, 4.3, 4.4 and 4.5 and figures 3, 5 and 6