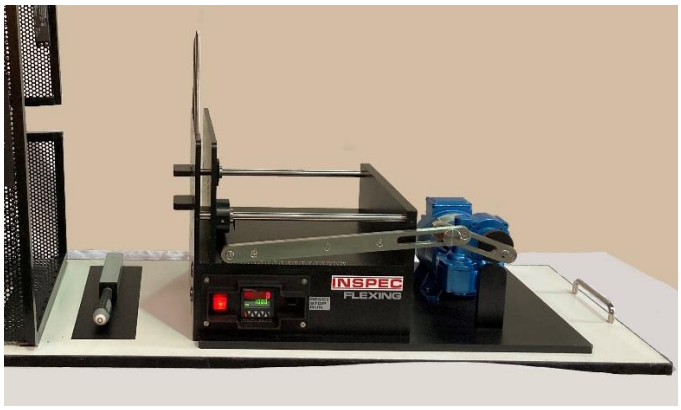
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Earmuff flexing test equipment

Description



The earmuff flexing test equipment is designed to cycle headband mounted earmuffs in order to simulate donning and doffing.
The motion is as described in EN 352-1, which references EN 13819-1. EN 352-1 is also called up by a range of other earmuff standards (see below for a full list).

The initial separation of the plates may be adjusted to suit all types of earmuffs and the maximum separation is easily adjusted up to the required maximum of 200mm. Set-up is facilitated by inching buttons on the opposite side of the rig from the motor.

The flexing speed is fixed at nominally 11 cycles per minute and a pre-set counter switches the motor off automatically at the completion of the required 1000 cycles.

Services required

Bench mounted

110/230 volts AC, 50/60Hz, mains electricity (specify requirements when ordering).

Approximate dimensions and weight

100 x 40 x 48 (84 guard open) cm : 39 kg

Relevant standards

AS/NZS 1270:2002, clause 3.2.7
EN 352-1:2020, clause 4.3.8
EN 13819-1:2020, clause 4.8 and figure 18.

Other standards

EN 352-4:2020; EN 352-5:2020; EN 352-6:2020; EN 352-8:2020

Please contact us for a quotation 4FLB.2509