INSPEC International Limited
56 Leslie Hough Way
Salford, Greater Manchester
M6 6AJ, United Kingdom

Tel: +44 (0) 16 1737 0699 Ext 230
Fax: +44 (0) 16 1736 0101
Email: equipment@inspec-international.com

Electrical insulation test equipment for helmets

Description:

The three tests in the standards are covered. Two of the tests utilise the standard headform and the other uses a special water tank with electrical probes built in.

A self-contained electrical tester is then used to measure the leakage current at specified voltages and at various points on the helmet in different configurations.

The frequency of the test voltage output from the tester is the same as that of the mains supply voltage to the tester.



Therefore, in order to perform ANSI testing in 50 Hz supply regions (Europe), a frequency modulator to provide a 60Hz input to the electrical tester is required.

To perform EN testing in 60Hz supply regions (USA), a frequency modulator to provide a 50Hz input to the electrical tester is required.

Optional Accessories:

Frequency modulator 50Hz to 60Hz

Frequency modulator 60Hz to 50Hz

Services required:

Bench mounted

No other services required

Approximate packed size & weight:

80 x 50 x 40 cm : 35 kg

Relevant standards:

EN 397:2012, clauses 6.10.1, 6.10.2 and 6.10.3
EN 443:2008, clause 5.14
EN 13087-8:2005, clauses 5.2, 5.3 and 5.4
ANSI Z89.1:2014, clause 10.7.4.1 and figure 13 (class G only)

Please contact us for a quotation

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