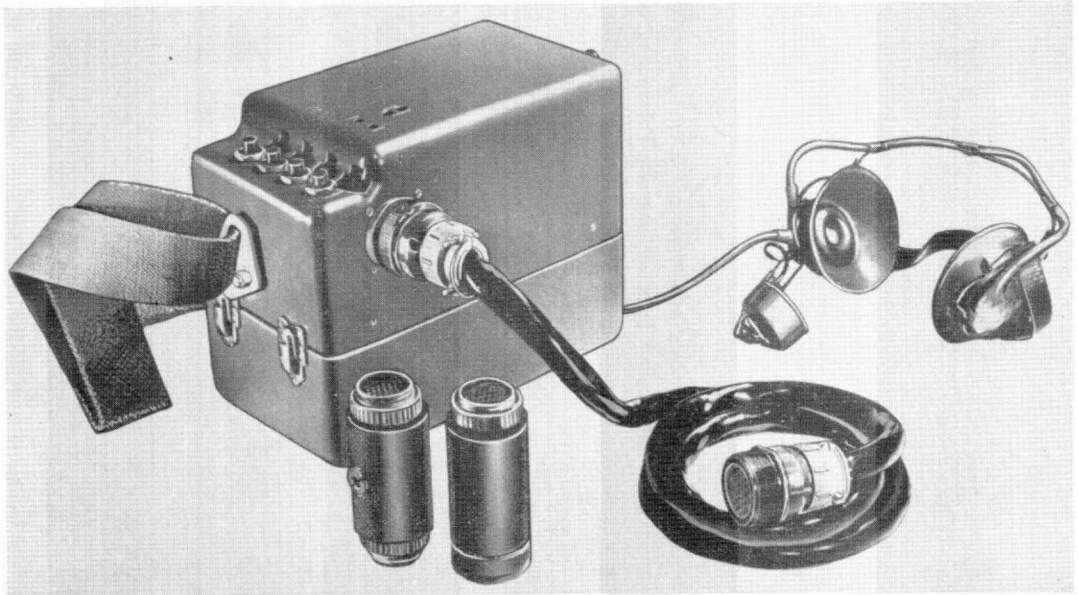


DE-HAVILLAND, AUTOMATIC MULTI-CORE CABLE TESTER



Air Ministry Ref. No. ... 5G/3315

Dimensions ... 11 in. $\times$ 6 in. $\times$ 8½ in.

Weight ... 19 lb.

Associated publication A.P. 4343S, Vol. 1, Sect. 15, Chap. 15

BRIEF DESCRIPTION

The De Havilland cable tester is provided for the continuity and insulation testing of multi-core cables and connectors during the servicing of guided weapons systems. The tester embodies a 24-volt, 4 AH, battery which supplies a transistorized converter providing low voltage current for continuity tests, and 500V for insulation resistance testing. In operation the tester is connected by a multi-pole plug and an adaptor to the cable to be tested to which a terminator is fitted and the test is initiated by the depression of a push switch. Each conductor, up to a maximum of 25, is tested in turn, the identification of the core under test being visible through a window; when a faulty core is tested, the sequence is stopped and the window is illuminated by a red lamp. Satisfactory completion of a sequence of tests is indicated by the extinguishing of a lamp that is illuminated whilst tests are in progress. An intercommunication amplifier, which can be used with Service headsets, is incorporated in the tester for use when long cables are being tested.

RESTRICTED

