

Class II touch current test

Test methodology

Measures any current that could flow through a user by providing an earth return path.

Procedure

The touch current test is an alternative to or complementary to insulation tests.

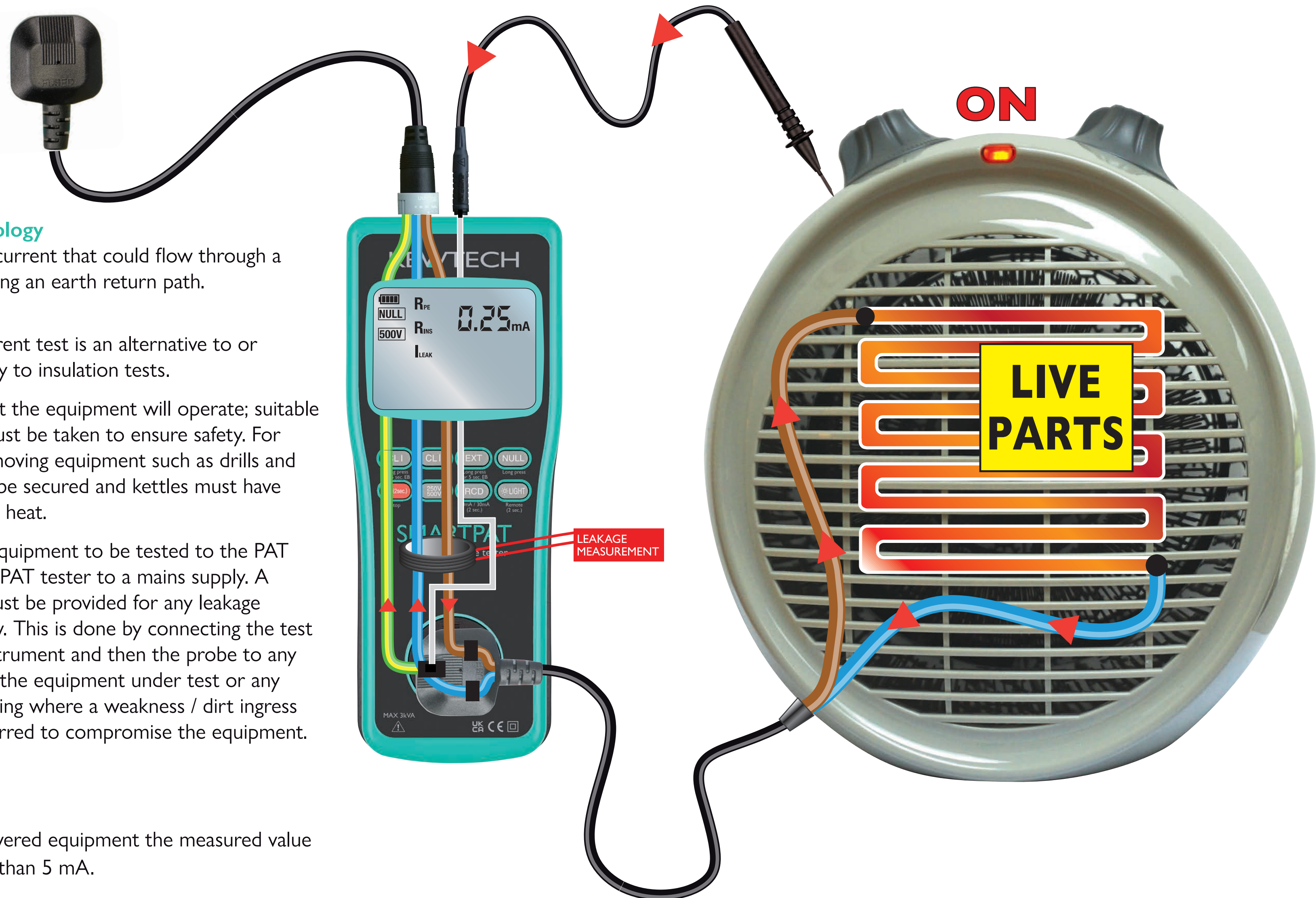
During this test the equipment will operate; suitable precautions must be taken to ensure safety. For instance, any moving equipment such as drills and grinders must be secured and kettles must have some water to heat.

Connect the equipment to be tested to the PAT tester and the PAT tester to a mains supply. A return path must be provided for any leakage current to flow. This is done by connecting the test lead to the instrument and then the probe to any metal parts of the equipment under test or any joins in the casing where a weakness / dirt ingress may have occurred to compromise the equipment.

Run the test.

Limits

For all AC powered equipment the measured value should be less than 5 mA.



Kewtech 'Clear Thinking' diagrams are schematics to aid the understanding of electrical testing. Ensure proper safety procedures are taken before testing.

Johnny Ace says:

Remember to adjust the power settings to maximum before the test.

