

Mini Appliance Checker



CE

880 AT

The Mini Appliance Checker 880 AT is a simplified version of an appliance tester which use low voltage and low current to perform its checks.

This is not intended to be used to perform certification testing.

It has been designed to be low cost and simple to use, But still has all the necessary basic functions to check a normal appliance.

It has been designed to be utilized by people who need to check the good status of insulation and plug wiring, for example, before delivery of an appliance to a customer.

This Mini Appliance Checker also can be utilized to confirm the problematic status of an appliance which need servicing.

This checker verify that the resistance between the Line and Earth conductor connected to the appliance is more than 1M ohm.

If this is not the case, the L-E LED will light up, showing a likely insulation fault between L-E.

This checker verify that the resistance between the Neutral and Earth conductor connected to the appliance is more than 1M ohm.

If this is not the case, the N-E LED will light up, showing a likely insulation fault between N-E.

This checker verify that the resistance between the Earth Chassis of the appliance and the Earth conductor(at the plug) connected to the appliance is less than 10 ohms.

If this is not the case, the EARTH BOND LED will light up, showing a likely continuity fault between the earth at the plug and the chassis of the appliance.

When these three conditions are satisfied, the GREEN SAFE LED will lights up, showing that the appliance has checked SAFE according to the checker method of testing.

Always use the appliance simulator before and after using the checker on a real appliance, to ensure proper working condition of the checker.

Please note that due to the fact that this checker uses less than 10V for its faulty voltage dependent devices could be undetected.

Application Example

The appliance is plugged into the mini appliance checker, then the probe make contact with the protective conductor.



Other appliance checking

Washing Machine Toaster Iron Dish Washer Stove

Safety standard : EN 61010-1
EN 61326-1