

Abstract

Problem

To provide a load testing apparatus that is configured with a plurality of resistance units and can be transported and set up easily.

Solution

A load testing apparatus according to the present invention includes at least two resistance units each configured with a plurality of resistor-groups arranged in stages along a z direction, which is a vertical direction, and including a frame configured with an insulating material covering a side face of the resistor-groups, each of the resistor-groups including resistors arrayed along a horizontal direction; and at least two base parts each including a cooling fan and provided separately. At least one of the resistance units are provided on a top of each of the base parts via an insulator. A face of the frame that at least faces another adjacent resistance unit is positioned in an inner side of a side face of the base part, on which the resistance unit is provided, by a first distance when viewed from above. The at least two resistance units are disposed to have a gap between the frames of adjacent resistance units, the gap being equal to or larger than a second distance to provide insulation between the adjacent resistance units. The second distance is twice the first distance. The first distance is equal to or larger than 45 mm.