

MEASURING DEVICE, AND WIND TUNNEL TEST DEVICE EMPLOYING SAME

ABSTRACT

A measuring device according to the present invention is used for wind-tunnel testing of a vehicle having a plurality of wheels, and comprises a plurality of measurement modules in which the respective wheels are disposed, wherein: each measurement module comprises a housing having an opening in an upper portion, a load cell accommodated inside the housing, a movement mechanism for moving the load cell inside the housing, and a lid for blocking the opening in the housing; the lid is provided with a wheel-supporting member for supporting the wheel; the wheel-supporting member is configured to be capable of being disposed in any position in the lid; and the load cell is configured to measure a force acting on the wheel supporting member.

Figure 3