

MEASURING DEVICE AND WIND TUNNEL TEST DEVICE USING SAME

ABSTRACT

A measuring device according to the present invention is for a vehicle arranged downstream of air blown from a blower for a wind tunnel test, the measuring device comprising: a measuring device main body configured to enable the arrangement of the vehicle and movement thereof relative to the blower; and a splitter connected to an end of the measuring device main body facing the blower side, wherein the splitter has: a main body portion having an upper surface continuous with the upper surface of the measuring device main body and a lower surface having a surface extending downward as the distance from the blower side increases; and a plate-shaped tip member extending from the tip of the main body portion toward the blower side, the upper surface of the tip member is formed to be continuous with the upper surface of the main body portion, an edge of the lower surface of the tip member on the blower side is positioned closer to the main body portion than an edge of the upper surface of the tip member on the blower side, and a tip surface connecting the edge of the upper surface and the edge of the lower surface is formed to have an arcuate cross-section.

Figure 1