

TEMPERATURE MEASUREMENT METHOD, AND TEMPERATURE MEASUREMENT DEVICE

ABSTRACT

In order to evaluate the cooling performance of cutting oil, cooling water, and the like more accurately than conventional means, there are provided a temperature measurement method and a temperature measurement device that can actually ascertain the temperature of a rotating tool such as a cutting tool during cutting or welding torch during welding in real time. The temperature measurement method uses a rotating holder that is rotatable around a rotating axis and has a hollow hole extending from a front end to a rear end along the rotating axis, and a rotating tool that is connected to the rotating holder and has a coaxial through hole with the hollow hole. In the temperature measurement method, a step of attaching a temperature measurement unit near the through hole of the rotating tool, a step of measuring the temperature of the rotating tool that rotates coaxially with the rotating holder using the temperature measurement unit, and a step of receiving a measurement result of the temperature measurement unit by an electronic substrate are performed in this order.

FIG. 1