

ABSTRACT OF THE DISCLOSURE

A pulse determining section determines whether an electric discharge pulse is an effective electric discharge pulse contributing to machining and an ineffective pulse not contributing to machining, a pulse counting section counts a number of electric discharge pulses determined as an effective electric discharge pulse, a machining speed measuring section measures a rate of machining in the axial direction, a dividing section divides a number of electric discharge pulses by a rate of machining in the axial direction, a storage section stores constant data preset according to electric conditions such as a waveform for a current due to materials of an electrode and a work or generation of electric discharge, and a machined area computing section computes a machined area according to the divided data and the stored constant data.

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