

ABSTRACT

There are provided a welding device for gas shielded arc welding and a gas shielded arc welding method using the same, the welding device including: a portable welding robot mounted with a welding torch including a nozzle that guides jetting of shielding gas and a contact tip that performs energization on a consumable electrode; a feeding device that supplies the consumable electrode to the welding torch; a welding power source that supplies electric power to the consumable electrode via the contact tip; a gas supply source that supplies the shielding gas to be jetted from an end of the nozzle; and a control device that controls the portable welding robot, wherein, when the welding torch is seen from a side of jetting of the shielding gas, the contact tip is placed in an inside of an opening of the nozzle, the nozzle and the contact tip have a relatively movable structure, and an inner diameter of the end of the nozzle is within a range of not less than 10 mm and not more than 20 mm.