ABSTRACT

An object of the present invention to provide a gas supply device, a gas supply device having a mixing function, a welding device, and a gas supply method, which can prevent rush flow of gas from the gas supply source in the initial stage of gas lead-out from a gas supply source, reduce the cost, and improve the maintenance; and the present invention provides a gas supply device (10) including a gas supply source (21) into which a gas is filled at a high pressure, a single-stage decompressor (22) which is provided at a gas outlet of the gas supply source (21) and which is configured to reduce pressure of a gas led out from the gas supply source (21) to a predetermined pressure, a gas supply line (23) having one end connected to the single-stage decompressor (22) and the other end connected to a use destination of the gas, a solenoid valve (24) provided in the gas supply line (23), and a flow regulating valve (25) provided in the gas supply line (23) located between the solenoid valve (24) and the use destination.