

Semi-automatic welding machine MIG/MAG

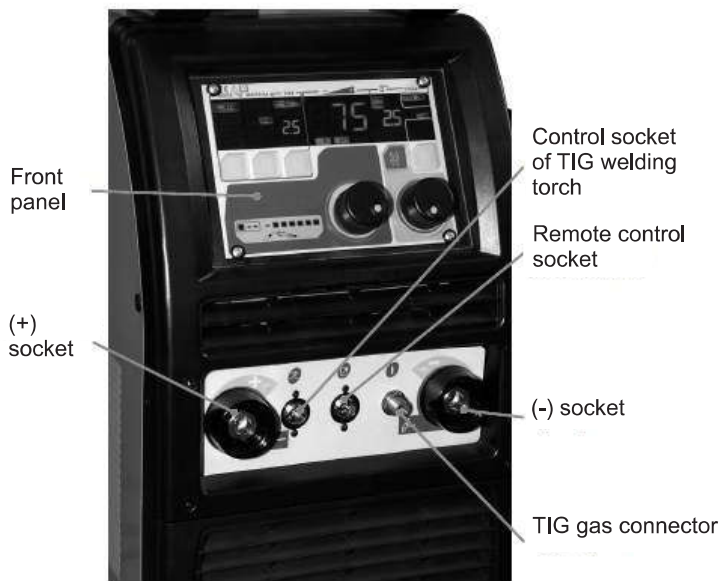


Figure 3. TIG holder and electrode connection on the power source

5. Technical Specification

DESCRIPTION	FANMIG 502i
Power supply [V]	3x4007, 50/60HZ
Max. current input I1max [A]	38
Effective current I1ef [A]	24
Power factor	0.9
MMA open-circuit voltage U _o [V]	72
Welding current range [A]	20-500 (MIG) 20-500 (MMA) 5-500 (TIG)
Duty cycle	MIG: 500A/40V/40% 316A / 29.8V/100% 405A / 32.5V / 60% MMA: 500A/40V / 40% 316A/ 32.6V /100% 405A/30.27/60% TIG: 500A/30V/40% 316A/22.6V/100% 405A/26.2V/60%
Welding current adjustment	Stepless
Protection class	IP23S
Wire feeding speed [m/min]	1-25
Multifil-LCD wire feeder	4-roller feeder
Wire diameter [mm]	
Steel	0.8-0.9- 1.0- 1.2-1.6
Aluminium	1.0-1.2
Braze welding	0.8 - 0.9 -1.0 -1.2
Wire spool [kg]	5÷15
Dimensions [mm] and weight [kg]:	
Power source	520x310x500mm/36kg
Power source, cooler and trolley	S20x940x900mm / 70kg
Power source, cooler, trolley, feeder and intermediate cables	520x940x1320mm / 92kg

Table 1. Technical Specification of Fanmig 502i