

DAIHEN ber of DAIHEN Group



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to thick plate over a wide variety of materials.



High performance TIG welding modes (AC, DC and AC+DC Hybrid), welding current to 350A, AC pulse frequency to 500Hz, supporting manual, semi-automatic, automated and robotic applications.

High AC frequency and low current result in enhanced TIG welding per

Combining very tight arc concentration (AC frequency up to 500Hz) and enhanced arc stability at low current settings (AC output down to 5A) for advance TIG performance.





oft aluminum, thickness: 0.2mm, gas: 100% Ar, AC, 5A, 500Hz relding speed: 7cm/min. soft alu

Higher duty cycle for high output welding.

Higher supported duty cycle enhances welding performance on thick materials, capable of continuous AC Welding at 270A. AC Duty Cycles: 350A @ 40%, 300A @ 60% / 270A @ 100%)



Increment increases to 1A for adjustments for setting between 10A and 350A.



Automatic selection of manual welding conditions via welding setting g

Welding condition automatically set using material and joint related parameters.

Setting of the preferred welding condition (ex. weld current, initial current, crater current) is done by entering the 4 material and joint related parameters (electrod diameter, base material type, weld joint shape and base metal thickness). * Note: This function cannot be used with Analog or Foot pedal Remote.





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TIG interval function controls heat input, preventing burn-through & di

Control of Arc ON / Arc OFF time allowing finer control for establishing stable welding. * When this function is enabled, high frequency is generated at the timing of arc ON. Touch start can not be used.



Supports optional FieldBus interfaces for auto and semi-auto applications EtherNet/IP, PROFIBUS and PROFINET network I/O interfaces for your automation and/or robot controller. Alternative to the standard OTC DAIHEN CAN bus machine network communication.

AC+DC HYBRID Mode to extend the life of your tungsten electrode.

Combines the deep penetration of DC Mode with the electrode-cleaning action of AC Mode from 0.1 to 50 Hz.

