





We bee A350P

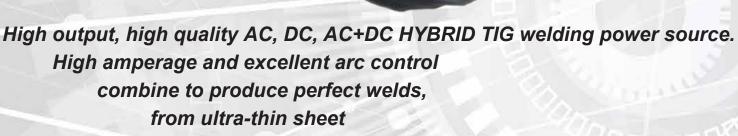
AC/DC PULSE TIG WELDING POWER SOURCE

Optimized arc control produces the highest quality welds on the thinnest materials!

High Duty Cycle delivers efficient welding on thick plate

Welding setting guide supports automatic selection of the welding condition

Fieldbus interface makes it easy to connect to automaion equipment



to thick plate over a wide variety of materials.

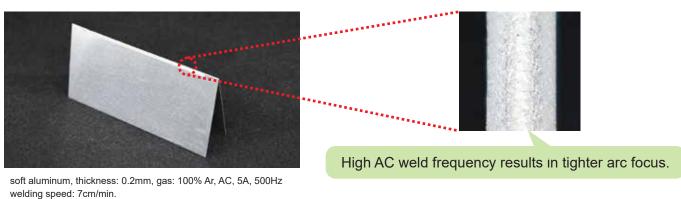
A350P

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.



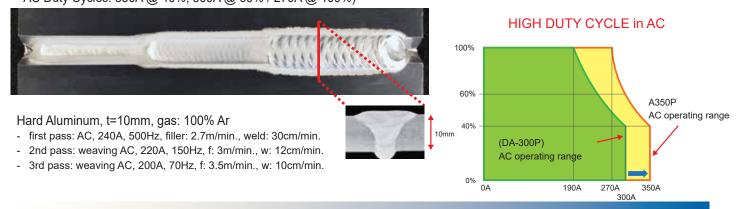
High AC frequency and low current result in enhanced TIG welding performance.

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.



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%)



Finer control of low-end current.

Fine adjustment via the current setting increment of 0.1A for setting between 1.0A and 9.9A. Increment increases to 1A for adjustments for setting between 10A and 350A.



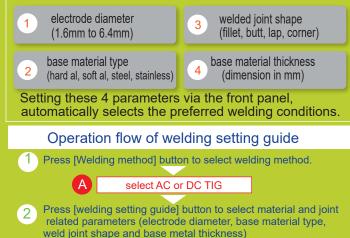
Automatic selection of manual welding conditions via welding setting guide.*

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 (electrode diameter, base material type, weld joint shape and base metal thickness).

* Note: This function cannot be used with Analog or Foot pedal Remote.





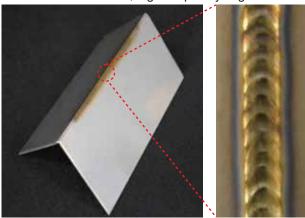
Recommended welding condition is set!

Use TIG interval function set arc on / off time.

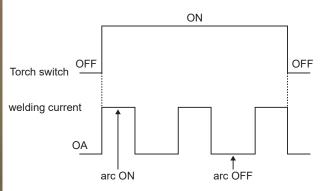
TIG interval function controls heat input, preventing burn-through & distortion

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.



A5052, 6mm(t), 200A, 40cm/min

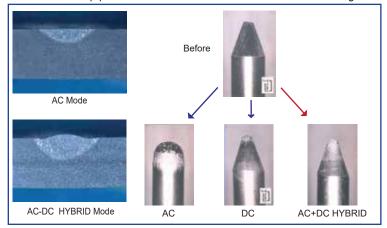


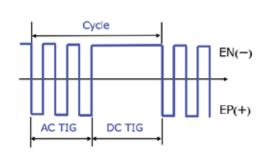
Supports optional FieldBus interfaces for auto and semi-auto applications.

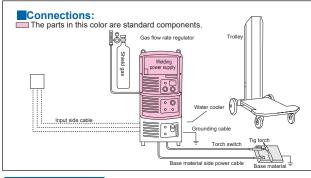
EtherNet/IP, PROFIBUS and PROFINET network I/O interfaces for your automation and/or robot controller. Alternative to the standard OTC DAIHEN CAN bus machine network communication.

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.







■Welding Power Supply Capacity And Connecting Cables

Specifications			WB-A350P
Rated Input Voltage	V	V	460+/-10%
Number Of Phases	Number Of Phases		3-phase
Rated Input	kVA	kVA	AC:12.9 DC:12.5
Distribution Box	fuse	Α	50
Capacity	Circuit breaker	Α	50
Input Side Cable		mm ²	8~38(M6)
Base Material Side Power Cable		mm ²	38 and above
※ Grounding Cable(D Class) mm		mm ²	38 and above(M6)

* () shows weld power supply side crimping terminal size.

Standard Component

	WELBEE Dual-Inverter A350P			
Welding Power Source Model	WB-A350P			
Welding Torch	AWD-17 (water cool)	AWD-26 (air cool)	AWD-18 (water cool)	
Base Material Side Power Cable	BKPDT-3803			
Gas Hose	BKGFF-0603			
Water Hose for tap water	_	_	BBDW-3001	
for PU-301			BBPU-3002	
Argon gas flow rate regulator	0781-2723			

Standard Specif	ication					
Specification/Model	Туре	WELBEE Dual-Inverter A350P				
Model		WB-A350P				
D	Α	AC TIG	DC TIG	AC STI	CK	DC STICK
Rated Output Current	_ A	5 - 350A *	2 - 350A *	250		250
Rated Input Voltage	V			/- 10%		
Number of Phase	-		3-p	hase		_
Rated Frequency	Hz		50)/60		
Rated Input Power	kVA	12.2(10.2kW) 12	2.3(10.8kW)	15.6(10.2	kW)	10.5(9.1kW)
Max. No-load Voltage	V	, ,		/77		
Rated Duty Cycle	%		4	0		
Rated Load Voltage	V	24	24	30		30
Rated Output Current	Α	5~350	2~350	10~3	50	10~350
realed Output Ourient	, ,	5~250(soft mode)	2,330	10 0	50	10 330
Pre-flow Time	Sec.	0~99			-	-
After Flow Time	Sec.	0~99			-	-
Up Slope Time	Sec.	0~10			-	-
Down Slope Time	Sec.	0~10)~10		-	
DC Pulse Frequency	Hz		0.1~999 -		-	
Pulse Width	%	50				
ruise widui	%	(changable by functi	on key 5-95%)			-
AC Frequency	Hz	30~500	ı	50 or	60	_
AC Balance	%	-20~20	_			
AC Dalatice	,,,					
AC-DC Change Frequency	Hz	0.1~5			-	-
Crater Filler Control		Off/On/R			-	<u> </u>
Arc Spot Time	Sec.	0.1~1				<u> </u>
umber Of Job Memory(Weld				00		
xternal Dimensions(Wxdx		395x710	0x640 (witho		hand	lle)
Mass	kg			6		
Start Method		High frequency start			-	-
Welding Torch	Туре		AWD-17 AWD-26			AWD-18
Rated Corrent	Α	150(DC),130(AC)	200(DC),		350	O(DC),270(AC)
Duty Cycle	%	50		0		100
Cooling Method		Air Cool		Cool		Water Cool
Electrode Dia.	mm	(0.5), (1.0), 1.6, (2.0), (2.4) (2.0), 2.4, (3.2),(4.0) (0.5), (1.0),(1.6), (2.0), (2.4), (3.2),(4.0)				
Cable Length	m	4,8				
Argon Gas Flow Rate Regulator	Туре					
Max. Flow	ℓ/min		2	25		

Standard Component

Model	WELBEE Dual-Inverter A350P		
Welding Torch	AWD-17	AWD-26	AWD-18
Torch Switch	1(4/8m)	1(4/8m)	1(4/8m)
Zip Tie	2	2	2

■ Optional Accessories:

Remote Control

Part Number	
KM2868	
K5023L00	
Part Number	
E-2452	
BKCAN-0405(5m)	
BKCAN-0410(10m)	
K5810B00	

Water Cooler With Trolley

Description	Part Number
Water cooler with trolley	WTCB-T1

Extension Torch Cable

Description	4m	11m	16m
AW(D)-17	BAWE-1504	BAWE-1511	BAWE-1516
AW(D)-26	BAWE-2004	BAWE-2011	BAWE-2016
AW(D)-18	BAWE-3004	BAWE-3011	BAWE-3016

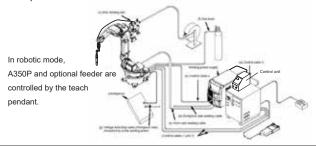
Extension Remote Control Cable

4m	11m	16m
BKCPJ-0404	BKCPJ-0411	BKCPJ-0416

FieldBus Interface

	Description	Part Number
Digital I/F	EtherNet/IP	IFR-800EI
Digital I/F	PROFIBUS	IFR-800PB
Digital I/F	PROFINET	IFR-800PN

- * Output current adjustable in 0.1A increments up to 9.9A
- * Output current adjustable in 1A increments above 10A





OTC DAIHEN Website www.DAIHEN-USA.com

NORTH AMERICA CORPORATE HEADQUARTERS

1400 Blauser Dr, Tipp City OH 45371 Phone: (937) 667-0800 Fax: (937) 667-0885

DAIHEN ROBOT Website www.DAIHEN-robot.com/en

ATLANTA TECHNICAL CENTER

3135 Medlock Bridge Road Norcross, GA 30071 Phone: 888-OTC-ROBO Fax: (937) 667-0885

DETROIT TECHNICAL CENTER

750 Welch Road Commerce Township, MI 48390 Phone: 888-OTC-ROBO Fax: (937) 667-0885



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