PLW-500 DC Plasma Inverter Welding Power Source

AUTO WELDING BATON
BATON ENTERPRISE CO.,LTD

Function	PLW-500
Mains voltage	AC220V / 50 ; 60Hz / 3P
Mains voltage tolerance	+/- 10%
Primary continuous current (100 % d.c.)	37 KVA
Welding current range	5 - 500A
Welding current at:	
10 min/40 °C (104 °F) 40 %	500A
10 min/40 °C (104 °F) 100 %	220A
Open-circuit voltage	110V
Working voltage	20 - 40V
Start arc current	5 - 500A
Welding current	5 - 500A
Pulse current	5 - 500A
Crater arc current	5 - 500A
Current slow up time	0.1 - 5.0 Sec
Current slow down time	0.2 - 10.0 Sec
Spot welding time	0.2 - 5.0 Sec
Gas preflow time	0.1 - 2.0 Sec
Gas postflow time	2.0 - 20.0 Sec
Pulse frequency	0.5 - 500 Hz
Pulse amplitude	20 - 80%
Welding start mode	Spot / 2-step / 4-step / Repeat
Size	L630*W400*H750
Weight	81 Kgs

Features

1.Welding current is digital display.
2.The machine includes a pilot arc gas flow regulator and a shielding gas flow regulator.
3.There are three options for the pilot arc current (High / Medium / Low)
4.The welder provides a set of arc confirmation contacts, which can be connected to automatic welding control.
5.The welder has a water pressure switch to confirm the water cooling cycle operation.
6.Specially designed for automatic welding, fast arc starting and reduce high frequency interference.
7.The welding machine is 100% designed and 100% manufactured in Taiwan.

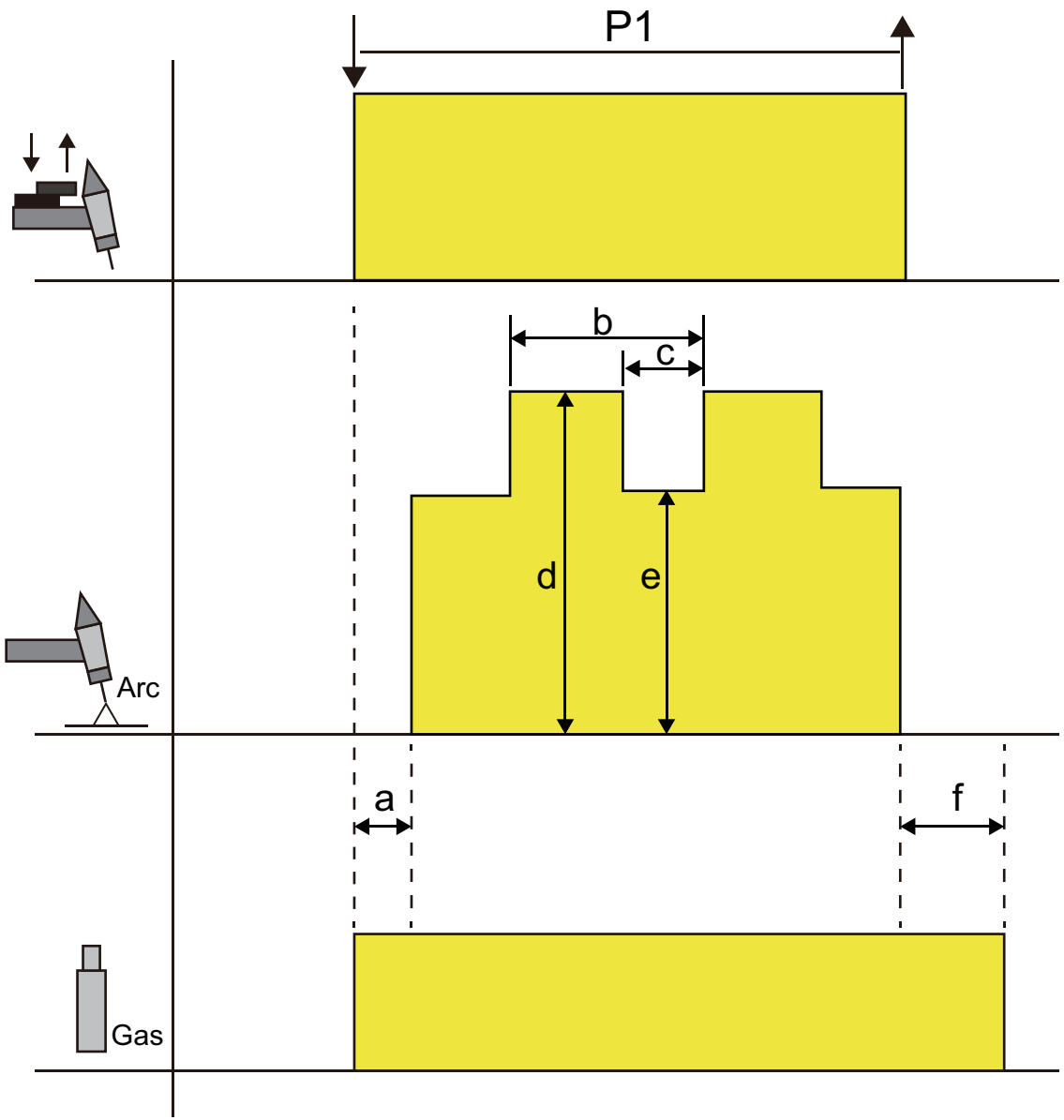
Optional

Model	Name	Use Purpose
TW-4RA	Cold Wire Feeder	Operation welded filler
CWA4PTS	Ice Water Cooler (800BTU/HR)	Cooling water-cooled TIG welding torch, can adjustable cooling water temperature 20ºC~40ºC

TW-4RA

CWA4PTS

Welding start mode : 2-step

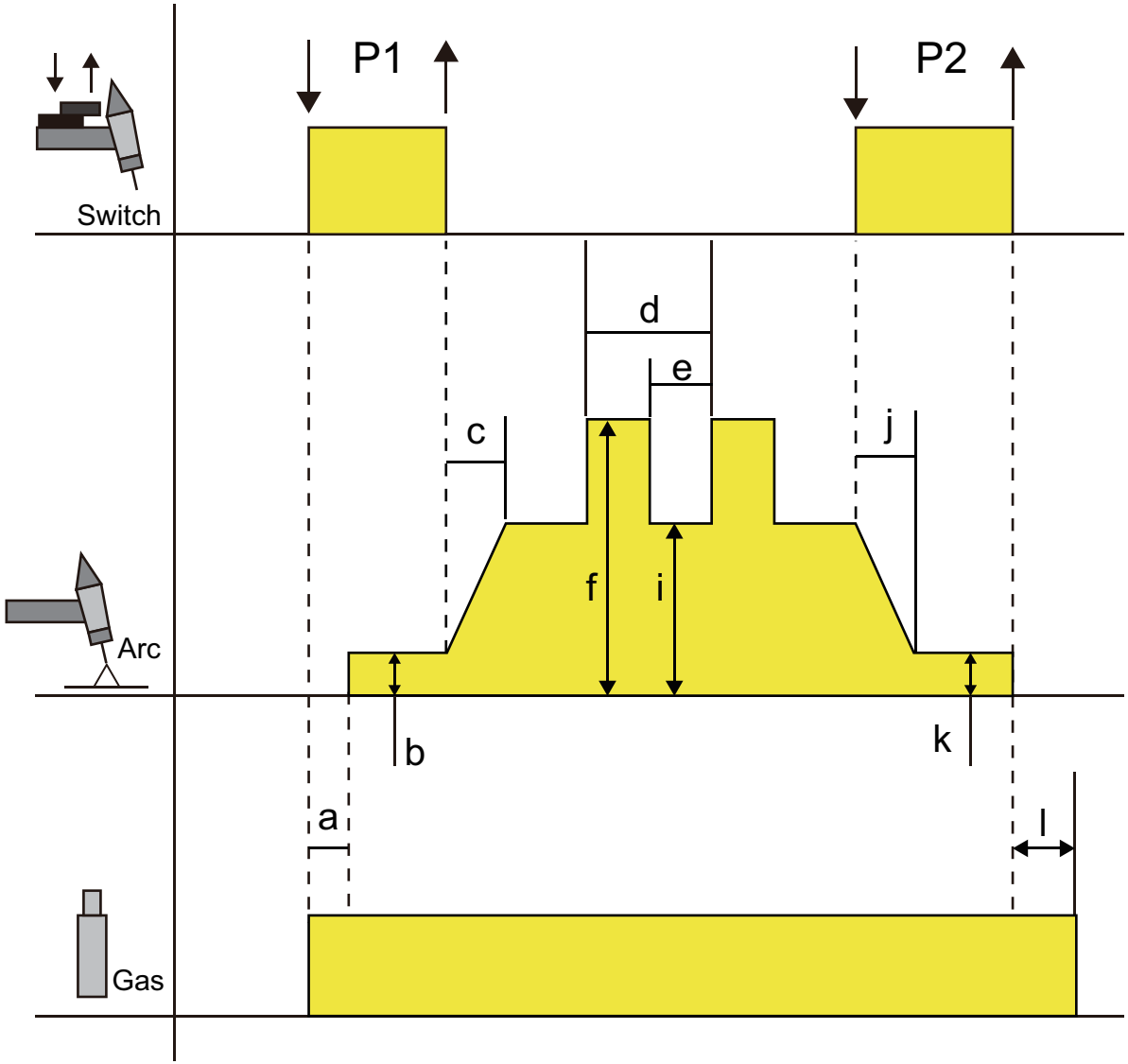


(P1) Start time (Manual or Control contact)

(b.) Pulse frequency
(c.) Pulse amplitude
(d.) Welding current
(e.) Pulse current

(a.) Gas preflow time
(f.) Gas postflow time

Welding start mode : 4-step



(P1) First start time (Manual or Control contact)

(P2) Second crater time (Manual or Control contact)

(b.) Start arc current

(c.) Current slow up time

(d.) Pulse frequency

(e.) Pulse amplitude

(f.) Welding current

(i.) Pulse current

(j.) Current slow down time

(k.) Crater arc current

(a.) Gas preflow time

(l.) Gas postflow time