

This is the most widely used power source as the design is simple and easy to use, reliable and cost effective. However the thermal efficiency is not good, and thermal impact on the work occurs easily and is not suited for ultra high precision welding. It is often used for welding of ferrous type materials which are easy to weld.



### AP5KC

Is a pneumatic pressure adjustable double pulse AC integral precision spot welding machine, with automatic mains voltage compensation.

Supply Voltage	220v 50Hz
Rating Power	5KA
Weld Programmes	10
Weld Time	0.5—99 cycles
Current Setting	0 – 99%
Weld Head	SW1QA
Rating Power	3000 A



### AP5KB

Is a pneumatic double independence pressure adjustable double pulse AC integral precision spot welding machine, with automatic mains voltage compensation. Ideal for welding of batteries.

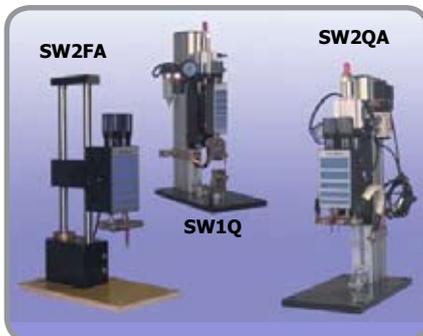
Supply Voltage	220v 50Hz
Rating Power	5KA
Weld Programmes	10
Weld Time	0.5—99 cycles
Current Setting	0 – 99%
Weld Head	SW2QA
Rating Power	3000 A



### AC5K

Is a AC welding power supply and timer suitable for use with various weld heads with automatic mains voltage compensation, current monitor, direct display of welding parameters, half frequency control, and weld counter.

Dimensions	L42xW25xH34	Weight	35Kg
Supply Voltage	220v 50Hz		
Rating Power	5KA		
Weld Programmes	10		
Weld Time 1 & 2	0—99 cycles		
Current Setting	0 – 99%		
Weld Head	ANY		
Rating Power	3800 A		



High performance weld heads built for durability. Linear guide type design ensures the precision and repetitiveness of welding. Low inertia, fast follow up designs Pneumatic or manual actuation.

**Weld force for the SW series = 445N - 667N**  
**And the WBT series = 89N - 178N**



### SW Precision Weld Heads.

### WBT Precision Weld Heads.

	SW2FA	SW1Q	SW2QA	WBT-H1	WBT-H2	WBT-Q01H	WBT-Q01	WBT-F01	WBT-Q03	WBT-F03
Max Force	89N	89N	89N	29N	49N	445N	89N	89N	89N	89N
Electrode Dia	3 & 6	3 & 6	3 & 6	3	6	6	3 & 6	3 & 6	3 & 6	3 & 6
Max Stroke	25mm	25mm	25mm	15mm	6mm	32mm	25mm	25mm	25mm	25mm
Throat Size(H*D)	120x200mm	90x130mm	120x200mm	20x60mm	n/a	155x281mm	49x152mm	49x152mm	157x159mm	157x159mm
Actuation	Manual	Air	Air	Manual	Manual	Air	Air	Manual	Air	Manual