

# Stud Welder



## Model : SW2010

The Sw2010 is the standard model in Capacitor Discharge welding machine lines. The device is used for reliable and very fast welding of studs of various diameters and lengths to metal products made of bronze, aluminum, copper, stainless steel, titanium and other grades. It is possible to work even with thin sheet metal with a thickness of 0.5 mm, while obtaining a very strong weld. The average time of the welding cycle does not exceed 1-3 msec,

### Technical Specifications:

| Item               | Unit       | SW2010   |
|--------------------|------------|----------|
| Supply             | V          | 220      |
| Phase              | Ph         | 1        |
| Power              | KVA        | 2        |
| Min. welding volt  | V          | 20       |
| Max. welding volt  | V          | 200      |
| Charging time      | Sec.       | 1 to 3   |
| Stud diameter      | mm         | 3-10     |
| Weld speed         | Studs/Min. | 10 to 20 |
| Protection class   | IP         | 21       |
| Overall dimensions | in.        | 15x15x6  |
| Weight             | Kg         | 18       |

during which the device welds a stud with a diameter of 4 to 10 mm. Stud welders are especially important in the construction industry, shipbuilding, automotive, modular kitchen and other industries.

The maximum performance of the model can reach 20 studs per minute of operation. This advantage will become especially relevant for production sites with high work intensity.

For work, a reliable and convenient welding gun with an impact force indicator is used, which can be easily set with an adjusting ring. To work with long studs up to 150 mm, a special stud gun is provided optionally.

The low power consumption make device possible to work on 220V supply, Makes it suitable for small and large industries. You can easily and quickly start working in any room or facility where there is access to the mains. Additional comfort during operation is created by a 4-meter cable , which significantly expands the working area, allowing you to work as efficiently as possible. Quick-release type connectors make it easier for the operator to work. Three LED indicators allow you to visually analyze the machine process: from the cap. charge, device readiness and up to the welding process itself. Setting the weld voltage is carried out using the keypad and set volts displays on digital screen. The light weight metal body and compact dimensions create full comfort in the process of transporting the device.

Accessories: Welding Gun 4m, Work Cable 16 mm<sup>2</sup> 3m with 2 grip pliers, Collets 3 Nos.

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