

## Portable spot welder



### Description

Model ACE-1200 **portable spot welder** is designed to use ACE's spot weldable strain gage more conveniently on the site.

It charges with electricity 100% by SCR condenser. It also offers you highly precise and qualified welding effect. As its welding time is short, the deformation by heat and deformation of welding electrode are minimal. Therefore, it is easy for even beginners to work with less restriction on welding and working condition. Also it is designed as a compact size to maximize its portability.

In addition, the case is made of steel case, durable and semi permanent.



[It is recommended to use a no noise generator installed with a portable spot welder mounted on a cart at a site because of heavy weight.]

### Applications

ACE-1200 portable spot welder is developed to attach the spot weldable strain gage correctly to measure deformation on the site.

- Attaching spot weldable strain gage on the site
- Welding different thin metals (less than 0.8t)

### Features

- Less electricity loss and excellent welding quality due to charge by condenser
- Welding electricity is consistent direct current, is designed under the refractory condition of non-ferrous, ensuring prompt welding effect and high welding quality
- Consistent welding electricity by charging 100% by SCR condenser
- Easy to attach welding electrodes

### Specification

Model	ACE - 1200
Use	Condenser type, thin plate welding
Input	220 VAC
Welding capacity	Max. 0.8t
Rating capacity	4.5 KVA
Rating output	0.2 WS
Condenser capacity	10.1% (24,000 $\mu$ F $\times$ 2ea)
Max. welding tip pressure	4kg $\cdot$ f
Welding time	0.3~0.5sec.
Frequency	50~60Hz
Dimensions	320 $\times$ 190 $\times$ 190(H)mm
Material	Steel case
Weight	25kg