

Laser Soldering Robot



The technology makes possible automation where previously not practical.

Rating: Not Rated Yet
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Description

Technology is evolving quickly. Mainstream is no longer applicable as evidenced by the emergence of ultrafine electronic circuit boards and multi-layered electrical components. Laser makes possible ultrafine area and other types of soldering that are difficult using tip soldering, which drives enormous advantages. Before adoption of new technology, read laser soldering method to understand differences from contact soldering method.

Features

- Visible shooting position
- Coaxial CCD camera
- Software controlled shutter
- 30W, 45W (optional 15W, 75W)
- Level 4 laser classification, requires safety cover.

Laser soldering mechanism

Contact soldering method, "Thermal conduction" and "surface heat generation" for laser have different heating principles. Both laser and soldering characteristics must be understood and well-handled, otherwise the advantages of each method won't be realized. The first main is to use it with careful consideration about heat application conditions. It is actually an established technique, and depending on the way it is used.

Reviews

There are yet no reviews for this product.