

Model THP Tweezer Handpiece

- Includes 1 pair
ET0402 electrodes



Model PHP Probe Handpiece

- Includes 1 pair
EP0402
electrodes
for handpiece
and 1 pair
EP0802 for probe



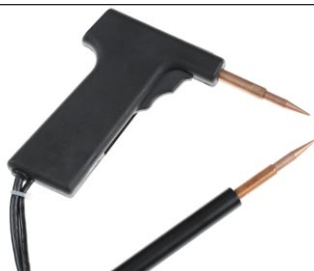
Model HFP High Force Probe

- Includes 1 pair
EP0802 electrodes



Model GHP Handpiece

- Includes 1 pair
EP0802 electrodes,
straight extension
and 30° elbow
adapter



Model HDHP Heavy Duty Handpiece

- Includes 1 EP0902 straight electrode,
35 or 90 degree electrodes available
- 4-30149-02, 10 ft #2 gauge grounding
cable sold separately



Model VBTWK/115, Ball Tacking Kit

- Includes vacuum pump,
vacuum adapter, tubing
and 2 electrodes for
1 mm ball. Used with
GHP and HFP

10-400-01, VBTWK/115V
10-400-02, VBTWK/230V



Accessories

A successful resistance spot welding process generally requires a welding power supply, a spot welding head, and a weld monitor or weld checker. Selecting the right accessories for these critical components can enhance and improve your results, and provide additional safety for your operators.

HANDPIECES

Generally speaking, welding handpieces should be used only when it is impractical to use a welding head. Their relative ease of use, combined with low maintenance and flexibility, make them well-suited for small batch production and R&D environments.

Both the Model THP Tweezer, and PHP Probe Handpiece are used to weld small parts which require less than 125 watt-seconds or 1/2 cycle AC, and welding forces less than 7 pounds. The Model HFP High Force Probe is used for applications which require higher energy and/or force than either THP or PHP. All three models are force fired to ensure repeatability.

The Model GHP and HDHP are switch fired handpieces and can be used to weld or tack materials that don't require stringent force control.

Handpieces are available with either 4 ft or 10 ft long cables. As a general rule, the energy delivered to the workpiece with 10 ft #6 cables will be approximately 15% of that delivered with 4 ft #6 cables. Handpieces are furnished with cables, as indicated in the following table, and one pair of RWMA electrodes.

Rating	THP	PHP	HFP	GHP	HDHP
DC (watt seconds)	125	125	500	125	500
AC (KVA-1/2 cycle)	2	2	7.5	2	10
Force Range – Max (Min)	7 lb (1.0 lb)	7 lb (1.0 lb)	25 lb (3 lb)	N/A	N/A
Cable Size (AWG)	#2 or #6	#2 or #6	#2	#2 or #6	#2
Cable Length	4 ft or 10 ft	4 ft or 10 ft	5 ft or 10 ft	4 ft or 10 ft	7 ft
Electrode Series	ET0400	EP0400 or EP0400	EP0800 and EP0800	EP0800	EP0900

Accessories are an important part of any welding system. For your convenience AMADA WELD TECH provides:

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For assistance in selecting accessories or for accessories not included in this data sheet, contact your local AMADA WELD TECH sales representative or telephone our customer service department at (626) 303-5676.

