

## MEI1204W WEDGE BONDER SPECIFICATIONS

Bonding processes	Ultrasonic using aluminum wire. Thermocompression or thermosonic wire bonding using gold wire
Wire sizes	.5 mil - 3 mil wire and ribbon. <i>1 mil Aluminum Wire 30° feed</i>
Wire feed	1/2" wire spool Optional 2" wire spool
Tip weight	15 - 150 grams
Bonding tool size	1/16" shank x .828 long <i>generic part# 2130 <del>2525-1-C</del> 2020-1</i>
Optional-Heated workstage	Digital heat control option will regulate temperature from ambient to 300°C +/- 0.5% (dependant upon application).
Ultrasonics	UTI 10G generator with 25PT transducer standard
Services	Electricity: 110-115VAC, 50/60 Hz, 5 amps or 220/240VAC, 50/60 Hz 2.5 amps Vacuum: 20 inches (510 mm) Hg minimum, if required Air: 40 PSI (280 kPa) minimum, if required
Dimensions	Length: 12.0" (30,5 cm) Width: 18.0" (45,7 cm) Height: 17.75" (45,1 cm) Weight: 50 pounds (23 kg)

Note: Exact dimensions are dependent upon the options on the machine.