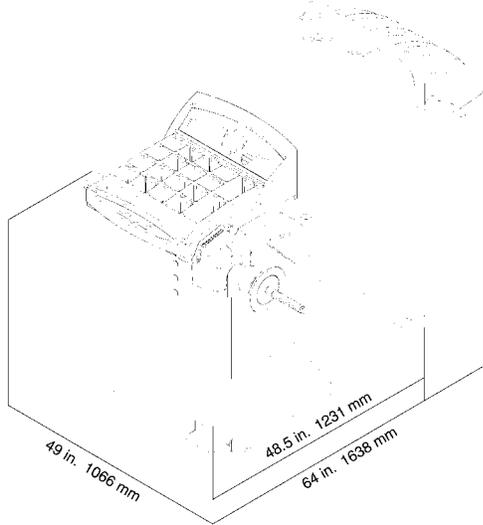




# EEWB304A MOTORIZED WHEEL BALANCER

## BID SPECIFICATIONS



### APPLICATION

- Microprocessor Wheel Balancer works on passenger cars, light trucks, motorcycles and many commercial vehicles.

### SOFTWARE

- Dual parameter auto entry; rim off set and rim diameter is entered automatically by touching the distance gauge to the rim.
- Custom weight placement (spoke) mode allows exact computing of imbalance using hidden weight method.
- Balances wheels to 0.10 ounce (2 grams) at a motorized measuring speed of less than 100 RPM.
- Automatic recalculation if weight positions are changed.
- Eight balancing modes including a dynamic mode, static tape weight mode, as well as, 5 Alu modes and an Alu-S mode.
- Match balance program for reducing weight required.
- Service code access to all balancer electronic functions for fast, easy diagnosis.
- Built-in spin counter for monitoring balancer productivity.
- Parameter recall for up to four operators.
- Operator-selectable roundoff mode.
- Split weight mode.

### BALANCING MODES

- Dynamic (twin plane) mode for steel rims
- Static mode (single plane) for narrow rims 3" or less
- Aluminum mode (five) uses a combination of hammer on and adhesive weights
- Alu-S mode for precision balancing of performance wheels
- Fine balancing mode rounds to 1g/0.05oz.

### BALANCING MODES(Cont'd)

- Round-off balancing mode rounds to 5g/0.25oz
- Tire Match (dynamic/static) for tires with excessive radial runout or when weights in excess of 2 ozs. are called for.
- Spoke balance mode for hidden weight placements on custom wheels
- Split weight function splits one large weight into two smaller weights

### CABINET

- Base cabinet and wheel guard requires only a 64" x 49" floor footprint
- Safety hood standard
- Ergonomically located control panel with simple, easy to follow data input. Moisture- and dirt-sealed. Durable metal membrane buttons.
- Control panel features wheel graphic with three LED indicators for weight positions
- Two separate LED windows display both left and right imbalance amounts
- Four (4) side storage pegs for cones and balancing accessories
- Nineteen on balancer weight storage pockets with integrated rim caliper hook
- 28mm shaft diameter with 133 lb. shaft capacity. Cast-iron backing collar
- Captured back spring eliminates having to handle the backing spring
- Quick clamp speed nut reduces wheel mounting time
- Foot-operated shaft lock prevents shaft rotation while placing weights

### ACCURACY

- Weight placement accuracy to as low as +/- 7°
- Weight imbalance accuracy to 2 grams (0.10 oz.)
- Self test check with every power up cycle
- Fast operator calibration
- Pre-programmed error codes indicate procedural errors or safety concerns.

### SPECIFICATIONS

- Weight Imbalance Resolution: 0.10 oz (2 gr)
- Weight Placement Resolution: +/- .7 deg
- Weight Imbalance Resolution:
  - Fine Mode: 0.05 oz./ 5 grams
  - Roundoff Mode: 0.25 oz./ 5 grams
- Shaft Measuring Speed: Less than 100 RPM
- Measuring Time (14" Tire): App. 7 Sec
- Complete Cycle Time (15" Tire): Less than 15 Sec.
- Measuring Speed: <100 RPM
- Rim diameter range: 8" - 25" (152 - 635 mm)
- Rim width range: 3" - 20" (76 - 508 mm)

## **SPECIFICATIONS (Cont'd)**

- Max. Tire diameter: 44" (1117 mm)
- Max. Tire width: 20" (508 mm)
- Max. Wheel weight: 133 lbs. (60kg)
- Power Requirements: 110V, 60Hz, 1 Ph, 15A
- Operational noise level < 70dBA
- Shipping weight: (w/ standard acc.): 325 lbs. (147kg)
- Machine Dimensions: 39"H x 39"W x 37"D
- Required install space: 49"W x 64"D

## **STANDARD ACCESSORIES**

- **EAA0247G21A** Rim Width Caliper
- **EAM0003J10A** Small passenger cone (1.67" - 2. 8"; 43- 72 mm)
- **EAM0003J11A** Medium passenger cone (2.65" - 3.31"; 68- 85mm )
- **EAM0003J12A** Large passenger cone (3.19 - 3.86" ; 82- 99mm)
- **EAM0003J13A** Light truck cone (3.47" - 5.15" ; 89 - 132 mm)
- **8-02040A** Light weight polymer quick nut
- **8-02040A2** Quick nut pressure cup
- **8-02040A1** Pressure disk

## **OPTIONAL ACCESSORIES**

- **EAA0260D81A** Universal Flange for use with lug-centric wheels and wheels without center holes
- **EAK0221J00A** Light truck Mounting kit ; includes offset spacer and larger light truck centering cone
- **EAA0260D80A** Motorcycle Adapter
- **WWPR13A** Weight pliers



### **SAFETY INFORMATION**

- Products may have inherent risk to the user.
- Read, understand and follow all safety messages on the product, user manual and vehicle to be serviced before operating the Wheel Balancer.
- Improper use may result in injury

**Specifications subject to change without notice.**

© 2001 Snap-on Tools Company

**Snap-on®**