

## WHEEL BALANCER KE20

KE20

### Features

- Having adopted a high-tech, micro-computer system, the machine is capable of balancing the wheels up to 85 kg in weight. -It is also designed as to perform the balancing a special type of wheel.
- Operation and function control at the push of the bottoms, results and control values on the 14" color screen.



### Specification

Model	KE 20
Indication Method	simultaneous measurement of two sides volume/Weight(g) : Digital Position : LED lamp
Braking method	Automatic electrical braking system
Measuring range	Distance : 0"~15.5" Rim width : 10"~24" (=265~615 mm) Rim diameter : 1.5"~20" (=40~510 mm)
Measuring RPM	240~280 RPM
Motor	Single phase, 50/60Hz, 220~240V
Balancing accuracy	1 g
Cycle time	8 sec
Standard power supply	Standard voltage : 220/240V, Single phase Max consumption : 500W
Dimension	1070(W)1060(H)570(L)mm
Weight	120 kg
Standard accessories	Centering coned : 3pcs Precision speed nut : 1pcs Rim width calipers : 1pcs Weight for self-calibration : 1pcs(100g)
Optional accessories	Weight pliers : 1pcs Wheel guard : 1pcs

**KAB KOENG CO.,Ltd.**  
주식회사코엔지

**www.koeng.com**  
Made in Korea

\*The manufacture reserves the right to change the product specifications without notice and liability in order to upgrade the quality.

## WHEEL BALANCER



### PRODUCT FEATURES

1. Microprocessor based balancer suitable for wheel of cars, van, light trucks and motorcycles.
2. Electronic, computerized wheel balancer with self-calibration and self-diagnostics, specific balancing programs for static (motorcycle wheels) and ALU wheels (alloy rims).
3. The self-calibration program is easy and accurate and does not require a balanced wheel.
4. The self-diagnostic program warns about user's mistakes.
5. One single spin provides all the values. Single phase motor with low power absorption.
6. Automatic wheel stop when data readout is complete.
7. Data input can be entered quickly through the digital system on the the display board.  
Display readout of unbalance and positions.
8. An optimising static balancing program allows to find the proper position of rim and tire.
9. Rim diameter and width are displayed in inches or millimeters. Out of balance values are displayed in grams or ounces.
10. Wheel guard & adapter for light trucks(option).

### TECHNICAL DATA

Data Model	Max. Wheel Weight	Max. Power Consumption	Max. Rim Diameter	Max. Wheel Width	Standard power Supply	Balancing Speed	Cycle Time	Balancing Accuracy	Net weight Excluding Accessories
KE-20	60 kg	500 W	10"-24"	1.5"-20"	220 / 1Ph / 50-60Hz	280 rpm	6 sec	± 1gr	120 kg
KE-40	70 kg	500 W	10"-24"	1.5"-20"	220 / 1Ph / 50-60Hz	280 rpm	6 sec	± 1gr	145kg

## TIRE CHANGER KE 2200

New locking system of the operation arms avoids any clearance and makes the machine stiff in the years.

### New Tool

The improved shape reduces drastically the friction between the tool and the bead, and make it impossible to damage the tire.

**Bead breaker** with 3 support points allows perfect stability of the wheel.  
Operated by a 3 tons cylinder handless all up to 13" wide.

**New self-centering chuck** clamps from outside till 18" including light alloy rims and 17.5" light truck wheel.

### Specifications

- Rim diam. (outside locking) : 10" ~ 18"
- Rim diam. (inside locking) : 12" ~ 20"
- Bead removing tool force : lbs 3300(1500kg)
- Motor : 3ph 0.75 kw (1HP)  
1ph 1.10 kw (1.5HP)
- Max. torque : ft x lb 918 (125 kgm)
- Weight : lbs 445 (kg 202)
- Air pressure : 120 ~ 175 psi (8 ~ 12 bar)
- Length : min 39" (990 mm), max 62" (1575mm)
- Width : min 29" (750 mm), max 38" (960mm)
- Height : min 58" (1480 mm), max 67" (1710mm)



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# COMPUTER WHEEL BALANCER KE-505

KE 505

## Features

- Led split function
- Body unbalance calibration function
- Axis in / out position auto split calibration function
- Auto distance measurement function
- 5 module display function
- Precise measurement less than 3 g if measured wheel is reinstalled
- Can use 100 V ~ 300V free volt (world first)
- Electronic brake function



## Specification

Maximum Power	500W
Spindle Diameter	36 mm
Max. outer wheel Diameter	915 mm (36")
Balancing Speed	200 ~ 300 RPM
Balancing Accuracy	± 1 / 0.025 oz
Cycle Time	8 ~ 12 sec
Rim Diameter	10 ~ 20"
Rim Width	1.9 ~ 30"
Max. Wheel Weight	75 kg
Total Weight	80 kg
Dimension	1520 x 1050 x 1830 mm
Power Supply	220V Single-Phase 50/60Hz



KE-505 Adapter

**KAS KOENG CO., LTD.**  
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Adapter

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# COMPUTER WHEEL BALANCER KE-505M

## KE 505M

### Features

- Led split function
- LCD monitor type
- Ounce / gram unit conversion
- Auto distance, width, diameter input type
- Foot brake function
- Convenient lead applied if lead attached
- Attachable lead out function
- Lighting inside wheel
- Basic application of wheel cover



### Specification

Maximum Power	0.25 KW
Max. external wheel Diameter	915 mm (36")
Balancing Speed	~ 180 RPM
Balancing Accuracy	± 1 g
Cycle Time	7 sec
Rim Diameter	3 ~ 11"
Rim Width	10 ~ 24"
Max. Wheel Weight	65 kg
Total Weight	160 kg
Dimension	1350 x 1100 x 1710 mm
Power Supply	220V Single-Phase 50/60Hz



KE-505 Adapter

# COMPUTER WHEEL BALANCER KE 503 LARGE SIZE

KE 503

## Features

- Intelligent auto brake system
- Measurement of both large-and mid sized tires available
- Long-lasting stable measurement with a strong spindle shaft using lift big size tire
- Automatic balance sensor (active or inactive)
- High balancing accuracy of  $\pm 1$  g / shaft
- balancing time of 8 sec/time
- Self revision & automatic error diagnosis

## Specification

Power consumption	0.75 KW
Lift height (Max.)	350 mm
Max. Load (lifting trolley)	150 kg
Balancing Speed	223 RPM
Balancing Accuracy	$\pm 1$ g
Cycle Time	7 ~ 8 sec
Rim Diameter	381 ~ 660 mm
Rim Width	150 ~ 500 mm
Air Pressure	0.6 ~ 0.8 kg
Max. Wheel Weight	200 kg
Total Weight (G/N)	200 kg / 240 kg
Dimension	1520 x 720 x 1350 mm
Power Supply	380V 3Phase 50/60Hz



KE-503 Adapter



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## WHEEL BALANCER FOR MOTORBIKE KE-B1024

KE-B1024

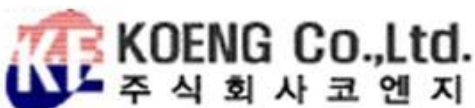


### Features

- Professional wheel balancer for 2 wheels
- Compact design
- Display checking –input
- LED display
- Piezo sensor signal detecting method
- Self-calibration function-Precision measuring

### Specification

Model	KE-B1024
Measuring time	5~15 sec.
Measuring range	(W):1.5"~20"/(D) : 10"~24"
Measuring unit	1g
Speed	220~280RPM
Electric power supply	1PH/220V(50/60HZ)
Dimension	110X775X1300
Weight	100KG



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