

10. Vehicle Inspection Equipment



ROLLER BRAKE TESTER

KEB



Specification

Model	KEB-3000	KEB-10000	KEB-15000	
Max. weight (kgf)	3,000	10,000	15,000	
Max. Breaking force (kgf)	1,500	5,000	10,000	
Roller	Dia (Ø) X Length (mm)	104 x 850	470 x 2,880	470 x 2,880
	Revolution RPM	9	8	8
Cylinder	Dia (Ø) x Stroke	150 x110	255 x 118	300 x 110
	Q'ty	2 EA	2	2
	Air pressure(kgf/cm ²)	6	8	8
Detecting method	LOAD CELL	LOAD CELL	LOAD CELL	
Motor capacity	220~380V/3PH /50HZ, 0.75KW x 2	220~380V/3PH/ 50HZ, 2.2KW x 2	220~380V/3P H/50HZ, 2.2K W x 2	
Dimensions (L x W x H)	3,260 x750 x 470	4,000 x 810 x 610	4,000 x 810 x 670	

ALIGNMENT SIDE-SLIP TESTER

KEA



Specification

Model	KEA - 3000	KEA-10000	KEA-15000
Maximum axle weight	3,000 kgf	10,000 kgf	15,000 kgf
Plate (L X W)	750 X 500 mm	750 x 500 mm	750 x 1,000 mm
Measurable range	IN/OUT 0.0-10.0 m/Km		
Measuring type	Potentiometer		
Indication	F.N.D alarm & Lamp		
Dimension (LxDxW)	2,380x610x150mm	3,180x610x160mm	3,210x850x850mm
Power supply	AC 220V/1ph/50Hz		

SPEED METER

KES



Specification

MODEL	KES-3000	KES-10000	KES-15000
MAX. WEIGHT(kg)	3,000	10,000	15,000
MEASURING RANGE	0 ~ 120 km /h		
Roller	Ø 185 x 850	Ø 185 x 1,200	Ø 185 x 1,200
Dia (Ø) X Length (mm)			
MEASURING SPEED	40 km/h		
D x stroke	Ø150x110 mm	Ø255x110mm	Ø 300 x 110mm
Cylinder	Q'ty	2 EA	2 EA
	Air pressure	6 Bar	6 Bar
DETECTING METHOD	Encoder		
DIEMENSION (mm)	2,575x800x470		
POWER SUPPLY	AC 220 V / 1ph / 50 Hz		

ABS MEASURING UNIT

CONTROL BOX

Manual



Automatic



Features

Manual type display for side slip tester, speed meter, brake tester : Manual type can read the value but it can't save the data and can't be printed out.

Automatic display : It can connected pc and displayed values as follows.

ROLLER BRAKE TESTER

KEBS-10000

SPEED METER TESTER+BRAKE TESTER



CONTROL BOX



Manual type display for side slip tester, speed meter, brake tester : Manual type can read the value but it can't save the data and can't be printed out.

Specification

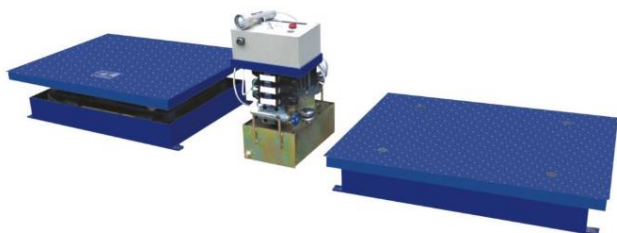
Model		KEBS-10000
Max. weight (kgf)		10,000
Max. Breaking force (kgf)		5,000
Roller	Dia (Ø) X Length(mm)	470 x 2,880
	Revolution RPM	8
Cylinder	Dia (Ø) x Stroke	255 x 118
	Q'ty	2
	Air pressure(kgf/cm ²)	8
Detecting method		LOAD CELL
MEASURING RANGE		0 ~ 120 km / h
Motor capacity		220~380V/3PH/50HZ, 2.2KW x 2

Speedometer

MAX. WEIGHT(kg)		10,000
MEASURING RANGE		0 ~ 120 km / h
Roller Dia (Ø) X Length (mm)		Ø 185 x 1,200
MEASURING SPEED		40 km/h
Cylinder	D x stroke	Ø255x110mm
	Q'ty	2 EA
	Air pressure	6 Bar
DETECTING METHOD		Encoder
POWER SUPPLY		AC 220 V / 1ph / 50 Hz

PLAY DETECTOR

KEP-10000/ 15000



Features

- It can be used for checking trucks, semi trailers, passenger cars.
- Before the axle is checked for possible play, it is placed on the plates and the brake is applied.
- The operator steers the movement of the plates by means of a control handle. This control mechanism includes a halogen lamp which makes it easy to spot any play in the wheel suspension

Specification

Model	KEP-10000/ KEP-15000
Load capacity	10 ton / 15ton
Motor power	0.5kw
Power supply	380V/ 220V, 50Hz/60Hz
Movement of plates	-50mm - 50mm
Hydraulic pressure	16Mpa

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

HEAD LIGHT TESTER KEH-3000S

KEH-3000S



Features

KEH-3000S

- This tester detects the intensity and beam of headlight (UP/DOWN & L/R)
- Ease to use and operate.

KEH-1000

- Digital display
- Measuring data memory
- Two laser beam
- PC connection by RS-232

KEH-1000



Specification

Model	KEH-3000S
Measured Distance	3,000mm
Measured Intensity of Light	0-80,000cd
Measured Angle	Up 10 ~ 0 Down 20 Left 20 ~ 0 Right 20
Measured Type	Screen Reflection Type
Detected Method	Photocell
Measured Height	500 ~ 1,300mm
Size of Body	1530 × 700 × 640

Specification

Model	KEH-1000
Measuring Distance	1,500mm
Intensity(Candela)	0-25,000cd
Measuring range	Up 1° Down 2° Left 2° Right 3°
Measuring Type	Screen Reflection Type
Detected Method	Photo diode
Power supply	220V, Internal battery
Size of Body	400 x 285 x 330

SPARK PLUG TESTER SPCT-100

SPCT-100



Features

- It can completely remove carbon from spark plug owing to blows the minute abrasive particle by high pressure air.
- It can check the ignition of spark plug have their best conditions.
- It can also automatically clean the spark plug.

Specification

Model	SPCT-100
Input voltage	Single phase 220V
Frequency	50~60Hz
The working pressure of air	7 ~ 10KG/cm ²
The quantity of sand for working	350g
The particle of sand	60#
The voltage of tester when spark testing	15,000V
Dimension	490(W) × 280(L) × 265(H) mm
Weight	9.3KG
Accessory	Adapter for plug 12mm, 14mm each 2pcs Adapter case 1pcs, Spare sand 350g

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

TIRE INFLATOR

MA 99/ MA160



300A



500A



Features

Easy and accurate Automatic Tire inflator

Automatic Tire Inflator mounted with an advanced sensor and micro processor, provides a simple, safe and accurate way to inflate and maintain your tire at its recommended pressure. As the tire pressure reached the preset level the inflator shuts off airflow into the tire automatically and it sounds the alarm.

- Convenient 6 frequently used tire air pressure preset button
- Accurate tire air pressure control.
- Easy for every one. It controlled by digital way.
- Good for the Self car wash booth not only for a maintenance shop
- Good shape and various colors (Orange/Blue/Black)

Specification

Model	MA 99 -Small	MA 160-Large
Operating principle	Auto control method by AIR MASTER PRO CESSOR	
Display and setting pressure	10 ~ 100 PSI	10 ~ 160 PSI
Supply air pressure	5.6 ~ 7.0kg/cm ²	10~13kg/cm ²
Initial setting pressure	30 PSI	32 PSI
Accuracy	±1 PSI	
Pressure display equipment	3-Digit display method FND	
Alarm system	Buzzer (80db at 1m,) -10 ~ 50°C (14~122°F)	
Operation environment	(W/O Heater) 0~95% RH (Condition without freezing)	
Power consumption	10W	
Dimensions	270x370x100mm	320x420x140mm
Main body's weight	3.0kg	6kg
Power supply	220v / 60Hz	
Standard component	Main body Air injection hose x10M(house)+nozzle(Air C huck)	

Model	300A	500A
Power supply	AC 220V 50/60Hz	
Supply air pressure	7~10kgf/cm ²	
Capacity	150 Psi	
Initial setting pressure	1 Psi	
Machine dimension	0.1kgf/cm ²	
Dimension	365 X 300 X 108	300 X 300 x 1607
Weight	2.8 kg	30 kg

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