

WHEEL BALANCER • MAGNETIC LEVITATION

SP833

Magnetic Levitation Balancer with 3D Measurement

Magnetic Levitation Drive

Rim Range 10-30"

Rim Width 415mm

Max. Wheel Diameter 1080mm

Balancer Accuracy $\pm 1g$



What sets the SP833 apart

1

3D Simulation Animation

LCD display with magnetic levitation drive for enhanced visualization of tire balancing dynamics.

2

High Precision Measurement

512 angular position measurements provide balancing accuracy four times greater than standard systems.

3

Efficient Sonar Measurement

Sonar system for quick width measurements, improving speed and efficiency.

4

Intelligent Positioning Locking

Intelligent Electromagnetic Positioning Locking System (SPL).

5

Linear Optical Encoder

High-Precision Linear Optical Encoder Digital Displacement Measurement (LOE).

6

Advanced Braking System

Advanced Rotary Braking System(ASB).

7

Frequency Modulation

Quadruple Frequency Modulation Technology (QFM).

8

Laser Projection

Verbatim Laser Projection Technology (VLT).

9

User-Friendly Keypad

Simple 7-key operation for intuitive control of the system.

SP833 specifications

Rim Range	10-30"	Balancer Time	8s
Shaft size	40mm	Voltages Power	110V/220V/0.25KW
Rim Width	415mm	N./G. Weight	105/130KG
Max. Wheel Diameter	1080mm	Packing DIM	1170×770×1150mm
Max. wheel Weight	75kg	Machine -Space DIM	1800×1800×2000mm
Balancer Accuracy	±1g	Noise	<60dB
Balancer Speed	150-180rpm	Max QTY In Container	24pcs(20") & 60pcs(40")
ALU-Mode	11		

					
Cone 100-132 mm	Cone 44-65 mm	Cone 54-79 mm	5 mm & 8 mm hex wrenches	Cone 74-109 mm	Spindle lead screw
					
Extended caliper head	Caliper	Plastic cup	Tool hanger	Weight pliers	Wheel weights
					
Quick-release nut	Threaded shaft & lead screw	Threaded shaft			

1998

FOUNDED · HK-OWNED

60+

EXPORT COUNTRIES

CE-ISO

9001:2015 CERTIFIED

OEM

ODM AVAILABLE

Request a quotation for the SP833

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