



Brand: Ranger

Model: DST-1200

Description: Dynamic Wheel Balancer

State-of-the-Art Features for Increased Service Capability

The highly accurate DST-1200 Dynamic Wheel Balancer dependably ensures an accurate result within hundredths of an ounce, so you can give your clients vibration-free wheel balance every time. You keep them rolling, we keep your business rolling.

The new Ranger DST-1200 Dynamic Wheel Balancer is the result of over a decade of balancer technology experience and an unwavering dedication to precision, reliability and repeatability. This heavy-duty wheel balancer features a highly accurate sensor system that increases productivity and offers unprecedented speed and accuracy, especially when using sophisticated balance and weight placement techniques required for newer high-tech OEM and aftermarket wheels.



Our proven direct-axis drive system is accurate to within hundredths of an ounce and ensures wheels are balanced, vibration-free. The DST-1200 takes the guesswork out of placing the correct weight in the correct place. The precision LED display marks the exact amount and location in just 6 seconds—even when trying to hide weights behind the spokes. The DST-1200 automatically calculates the minimum amount of weight needed to achieve an optimal balance for the tire and wheel configuration, using less weight, saving you time and increasing your bottom line.

The DST-1200 adopts the latest 16-digit digital signal processor and single-chip technology. The single-chip circuit board architecture provides an inherent performance and reliability advantage compared to multi-chip implementations of the same functionality. In addition to overall latency reductions, the single-chip architecture significantly boosts device throughput. An extremely swift, dedicated hyper-transport protocol allows data to communicate with the micro-processor at much faster speeds. This solution offers unmatched integration of features and functionality, resulting in lower power consumption and dissipated heat. Call your nearest Ranger® distributor immediately for your information on your own Ranger DST-1200 Dynamic Wheel Balancer.





Features

- Dynamic, static, motorcycle / ATV, and performance alloy settings
- A multi-user save function remembers your presets to increase productivity
- An ergonomic control board and easy-to-read LED display has vibrant visual cues and keypad to improve efficiency and proper balancing techniques for faster floor-to-floor times
- A simultaneous retrieval of static, dynamic and ALU1 \ ALU2 \ ALU3 data identifies weight placement configurations for a variety of wheel styles and designs— all with the simple push of a button
- Automatic rolling wheel parameter setting feature saves valuable time and minimizes errors
- Rapid 6-second cycle time
- Automatic braking
- English / metric measuring system selection
- Automatic round-off
- Top-dead-center weight position indicator
- Split weight indicator for hiding weights
- Manual or automatic start when hood is lowered
- Self-calibration function
- A high-volume top-weight tray and ample side-shelf storage gives you room to inventory a wide variety of wheel weights and tools
- Precision-machined, hardened steel 36-mm shaft
- Quick-release hub nut for dramatically reduced set up times
- Side-position brake holds wheels at precisely “12 o’clock” for proper weight placement
- Side-cone storage pegs keep accessories readily available
- New open-side hood design allows for a broader coverage of tire shapes and sizes
- Inside and outside measuring
- Manual and automatic / electronic brake capability
- Optional 2-piece truck cone adapter set available
- Wheel calipers included
- Rear cone mount spring and pressure cup
- Accurate with in .01 oz

Specifications

- **Motor:** 1-1/2 Hp / 110 – 220 V / 50 – 60 Hz / 1Ph
- **Motor noise:** 70 dB
- **Working temperature:** 5° C - 50° C / 27° F - 82° F
- **Drive system:** Belt drive
- **Cycle time:** 6-9 sec (avg.)
- **Balancing Modes:** motorcycle / dynamic / static / 3 alloys
- **Wheel offset distance setting:** manual / rolling wheel
- **Centering cones:** 3
- **Max tire diameter:** 47" / 1,194 mm
- **Max tire weight:** 145 lbs. / 65 kg
- **Wheel diameter capacities:** 10" - 24" / 254 mm - 610 mm
- **Wheel width capacities:** 2" - 16" / 51 mm - 406 mm
- **Balancing increments:** 0.25 oz or 0.01 oz
- **Average balancing speed:** 280 rpm
- **Resolution in round-off mode:** 0.01 oz / 1.4°
- **Shipping weight:** 562 lbs. / 255 kg

