

# COATS

# XR 1850 Wheel Balancer



- 1 Full Color Video Display**  
3-D and 2-D modes. Provides clear directions and operator prompts for easy balancing. Simultaneous display of static and dynamic data identifies any excess residual static imbalance.
- 2 Positioning Pedal**  
Clamps wheel into stable position for easy weight placement.
- 3 Easy Command Selection**  
Simple numbered button system speeds technician input and mode selection.
- 4 Onboard Air Supply**  
No need to move to tire changer for rotate and balance jobs. Adjust tire inflation at the balancer.
- 5 3-D Auto Data Entry**  
Auto A&D arm and touchless digital sensor system eliminate outer arm and collects parameters for analyzing balance. Drop the hood and the balancer begins its cycle.
- 6 Adapter Carousel**  
Puts most commonly used accessories right at the technician's fingertips.
- 7 Direct Tape-A-Weight Placement And Behind the Spoke Capability**  
Eliminates guesswork. Can do most Tape-A-Weights in just one spin.
- 8 Printer**  
Provide customers with a professional printout showing the benefits of your service.
- 9 Balancing Solutions**  
CD-ROM with XR 1800 video overview, plus information on all Coats' balancers and key accessories.
- 10 R.I.D.E.**  
Complete collection of free printable merchandising materials (posters, counter cards, and consumer literature) that can be used to promote premium balances and increase revenues.

## The Complete Ride Management System— Now With Radial AND Lateral Runout Diagnostics.

### Solve The Toughest Vibration Problems

A complete suite of diagnostic software identifies and solves even the toughest vibration problems, including those related to excessive radial runout, lateral runout, and residual static imbalance. **Diagnostics are fast enough to use on every balance for ultimate customer satisfaction. Radically reduces time spent on comebacks.**

### Simple, Interactive User Interface

Real-time 3-D animated graphics and visual cues promote proper balancing techniques and faster floor-to-floor times. There's even a printer for sharing information. **Technicians have a wealth of information at their fingertips.**

### Premium Balancer Features

The XR 1850 features a touchless digital data collection system that takes the measurements for the technician. There's also a direct Tape-A-Weight locator and a best in class behind the the spoke mode for balancing today's more complex wheel designs. **In fact, the XR 1850 can do most Tape-A-Weight balances in just one spin.**

### The Easiest Premium Balancer To Operate

**Every step of technician activity has been carefully planned for speed and accuracy.** The XR 1850 has a slide nut for faster mounting, automatic starting when the hood is dropped, video and sound indications of when the weight is properly positioned, and even a complete onboard training mode.



**R.I.D.E.**  
COATS



## Specifications

### Balancing Modes

12

### Maximum Tire Diameter

Up to 44"

### Rim Width

2" to 20"

### Max. Tire Weight

160 lbs.

### Shaft Diameter

40mm

### Resolution: Oz

0.01

### Accuracy: Oz

.01

### Power Requirement

115v AC, 1 Phase

### Footprint

60" w x 52" d

### Shipping Weight

690 lbs.

## STOP COMEBACKS WITH A DIAGNOSTIC BALANCER FAST ENOUGH TO HANDLE EVERY JOB.

### The System To Stop Comebacks

The Coats XR 1850 Wheel Balancer is designed to diagnose the hardest-to-find tire/wheel vibration problems, and help you solve them before they cause customer complaints. Diagnostic modes include both radial and lateral runout. The XR 1850 is fast, easy to operate, and exceptionally accurate for both simple and complex balancing jobs.

- **Speed:** Fast floor-to-floor times. Fast enough to run a complete diagnostic check on every balance.
- **Accuracy:** Auto A&D arm and touchless digital sensor system automatically takes all measurements.
- **Durability:** Built to legendary Coats' quality and durability standards.
- **Ease of Use:** Video prompts user with clear, concise directions, and ergonomics eliminate reaching and unnecessary motion.

## THE COMPLETE BALANCING SYSTEM

Coats supports the XR 1850 with the most comprehensive collection of accessories and adapters on the market. You can select a package of accessories that fits your business.



### Package 1:

Adapters for Passenger Cars

8113861 XR 1850 Wheel Balancer w/40mm extended shaft, captive backspring and speed nut; 8113428 standard cone kit, weight hammer, and calipers.



### Package 2:

Adapters for Passenger Cars through Light Trucks

8113861 XR 1850 Wheel Balancer w/40mm extended shaft, captive backspring and speed nut; 8113593 standard cone kit, wheel weight hammer, calipers, 40mm pin plate system, application chart, hole gauge, and Balancer Mate storage system.



### Package 3:

Adapters for Passenger Cars through Medium Duty Trucks

8113861 XR 1850 Wheel Balancer w/40mm extended shaft, captive backspring and speed nut; 8113594 standard cone kit, wheel weight hammer, calipers, 40mm pin plate system, application chart, hole gauge, Balancer Mate storage system, light cone truck kit, and balancer chuck.

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