



# COATS®

## The Coats® 1100 Series Wheel Balancers

*Fast. Accurate. Durable. Packed with  
Features for Front Line Tire Service.*

The NEW Coats® 1100 Series combines the accuracy and durability of Coats' Direct Drive system with an exclusive set of easy to use balancing features designed to get the job done right the first time, every time.

Although still true to their Coats heritage, the 1100 Series Wheel Balancers offer a redesigned user interface that makes even the most complex balancing applications fast and simple. Other new features include Direct Balancing Mode Selection, Direct Tape-A-Weight® Measurement and Behind the Spoke balancing, which, when combined with the speed, accuracy and durability of Coats' Direct Drive system, offers optimal capabilities for virtually any tire dealer.

## ENGINEERED FOR SPEED AND ACCURACY...BUILT TO LAST

Coats® 1100 Series Wheel Balancers feature four key balancing technologies that together work to provide a fast and accurate balance, the first time, every time...for years to come.

# 4

## KEY TECHNOLOGIES OF THE COATS 1100 SERIES BALANCERS

---

### DIRECT/DRIVE

#### DIRECT DRIVE

Coats' Direct Drive system integrates the balancer's robust motor and spindle into a single, factory pre-balanced assembly with ZERO noise. The result is that, unlike other wheel balancers, "zeros" on a Coats wheel balancer are ALWAYS "true zeros"... and they ALWAYS mean "balanced", thus eliminating the need for frequent calibration and delivering a superior balance result.



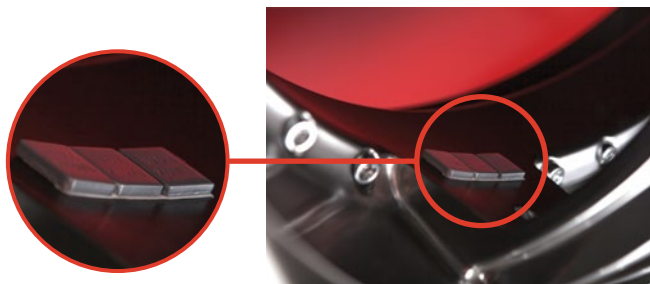
#### STATIC-ON-SCREEN®

Static-on-Screen is an exclusive Coats feature that simultaneously displays both static and dynamic unbalance data. This provides a final quality check to identify any excess residual static unbalance, a leading cause of vibration complaints.



#### DIRECT TAPE-A-WEIGHT®

Direct Tape-a-Weight Measurement takes the guesswork out of adhesive weight balancing. This feature helps pinpoint the correct Tape-A-Weight location in alloy balancing modes. This improves balancing accuracy and results in more one-spin balances while preserving the appearance of flangeless rims.



#### BEHIND THE SPOKE

Behind the Spoke mode allows you to hide the Tape-A-Weight behind the spokes of a decorative wheel quickly and easily. This keeps the weights hidden from view. Now balancing more complex wheel designs is faster and easier than ever before, plus you maintain a clean look on custom wheels for maximum customer satisfaction.

## 1100 Series Features

### Coats 1100 Series

All Coats 1100 Series Balancers come fully equipped with the following:

#### DIRECT BALANCING MODE SELECTION

Choose weight locations quickly, with the touch of a button.

#### MULTIPLE BALANCING MODES

Dynamic with simultaneous static, four standard alloy options and truck mode.

#### AUTO START HOOD

Blazing fast balancing cycle begins when you lower the hood.

#### REDESIGNED USER INTERFACE

Optimized for speed and simplicity.

#### DUAL OPERATOR MODE

The 1100 Series saves the vehicle data for two operators, maximizing shop work flow.

#### MATCH BALANCE

Determines the optimal position of the tire on the rim to minimize corrective weight.

#### MODEL 1100

*Includes all the features above, PLUS:*

- Manual Data Entry for distance, diameter and width.

#### MODEL 1150-2D

*The Coats 1150-2D includes all the features of the 1100, PLUS:*

- Automatic distance and diameter data entry maximizes the speed and accuracy of data entry.
- Direct Tape-A-Weight® measurement takes the guesswork out of adhesive weight balancing for more one-spin balances.
- Behind the Spoke weight placement hides adhesive weights out of sight for a clean look on alloy wheels.



Model 1100



Model 1150-2D

# COATS 1100 SERIES WHEEL BALANCERS

## 1100 SERIES SPECIFICATIONS

	1150-2D	1100
<b>Balancing Modes</b>	8	8
<b>Wheel Diameter Range</b>	8" to 30"	8" to 30"
<b>Wheel Width Range</b>	2" to 20"	2" to 20"
<b>Maximum Tire Diameter</b>	Up to 44"	Up to 44"
<b>Maximum Tire Weight</b>	150 lbs.	150 lbs.
<b>Shaft Diameter</b>	40mm	40mm
<b>Resolution (Round Off Mode)</b>	0.01 oz	0.01 oz
<b>Footprint</b>	66"w x 60"d	66"w x 60"d
<b>Shipping Weight</b>	639 lbs.	639 lbs.
<b>Interface</b>	LED	LED
<b>Automatic Data Entry</b>	Distance/Diameter	None
<b>Electrical Requirements</b>	220v, 1ph or 220v, 3ph	220v, 1ph or 220v, 3ph

## 1100 SERIES INCLUDED ADAPTERS

Standard Adapters & Accessories	Part Number
Small A Cone	8112098
Medium B Cone	8112099
Large C Cone	8112100
Light Truck Back Cone - D Cone	8112101
Premium Wheel Weight Hammer	8113175
Small Pressure Cup & Rubber Lip	8110542
Spring	8112107
Calipers	8309011
Hub Nut	8112103
Optional Adapters & Accessories	Part Number
Short Cone	8112421
Light Truck Cone Kit 4.8" - 6.8"	8113277C
Faceplate Extension	8111935
Tweener Cone Set	8113795
Set of (8) Collets - Range 2.04" - 5.30"	85609499
Premium Quick Nut	85607503

## OPTIONAL ACCESSORIES



Short Cone



Light Truck Cone Kit



Faceplate Extension



Tweener Cone Kit



Double Sided Collets



Premium Quick Nut

**COATS**  
Working for you