Specifications and Features Chart

	1250	1450	1550	1650	1850
Specifications					
Rim Width Capacity	1.5-20"	1.5-20"	1.5-20"	1.5-20"	1.5-20"
Tire Width Capacity	21"	21"	21"	21"	21"
Rim Diameter Capacity	10-30"	10-30"	10-30"	10-30"	10-28"
Tire Diameter Capacity	42"	42"	42"	42"	50"
Max. Wheel Weight	165 lbs.	165 lbs.	165 lbs.	165 lbs.	440 lbs.
Accuracy	1g	0.5 g	0.5 g	0.5 g	1 g
Cycle Time	6 sec.	6 sec.	6 sec.	6 sec.	8 - 20 sec.
Shaft Length (backing collar to end)	8.75"	8.75"	8.75"	8.75"	8.75"
Shaft Diameter	40mm	40mm	40mm	40mm	40mm
Cabinet Width (to end of shaft or hood)	36.5"	47.5"	50.5"	50.5"	71"
Cabinet Depth (with hood)	24"	56"	53"	53"	58"
Cabinet Height (to top of display)	40"	44.5"	60"	60"	39"
Weight	231 lbs.	308 lbs.	350 lbs.	266 lbs.	440 lbs.
Motor HP	1	1	1	1.5	1
Power Requirements	110	110	220	220	220
Software Features					
Multiple Operator	No	Yes - 2	Yes - 2	Yes - 4	Yes - 2
Distance arm hold weights (Accu-stik)	No	Yes	Yes	Yes	NO
Hidden Spoke Mode	Yes	Yes	Yes	Yes	Yes
Stop at top outside plane	No	Yes	Yes	Yes	Yes
Balancing Modes - ALU	4	4	4	4	4
Automatic Brake after spin	Yes	Yes	Yes	Yes	Yes
Balancing Modes - Static & Dynamic	Yes	Yes	Yes	Yes	Yes
Match Balance Mode	Yes	Yes	Yes	Yes	Yes
PAX Balancing Mode	Yes	Yes	Yes	Yes	No
Inch / millimeter toggle	Yes	Yes	Yes	Yes	Yes
Fine (0.1oz.)/Std. (0.25oz.) round off toggle	Yes	Yes	Yes	Yes	Yes
Truck Round-off Mode	Yes	Yes	Yes	Yes	Yes
Auto Start with hood down	N/A	Yes	Yes	Yes	Yes
Auto Recalculation w/ changed parameter	Yes	Yes	Yes	Yes	Yes
Minimization of Static Unbalance	Yes	Yes	Yes	Yes	Yes
Self-diagnosis	Yes	Yes	Yes	Yes	Yes
Beep	No	Yes	Yes	Yes	Yes
Display/Screen Saver	Yes	Yes	Yes	Yes	Yes
Clock	No	No	No	Yes	No
Statistics	No	No	No	Yes	Yes
RS232 / C serial output	No	No	No	Yes	No
Printer Capable	No	No	No	Yes	No
Radial Eccentricty Measure	No	No	No	Yes	No
Lateral Eccentricity Measure	No	No	No	Yes	No
Rim Eccentricity Measure	No	No	No	Yes	No
Language	No	No	No	Yes - 10	No
Hardware Features					
Parameter Entry	Manual	2 Auto Entry	3 Auto Entry	3 Auto Entry	2 Auto Entry
Centering Device	Quick Nut	Quick Nut	Quick Nut	Quick Nut	Standard
Cone Systems	3 Cones (43-166mm)	3 Cones (43-166mm)	3 Cones (43-166mm)	3 Cones (43-166mm)	3-Auto, 2-Truck
Wheel Hood	No	Yes	Yes	Yes	No
Weight Pliers	Standard	Standard	Standard	Standard	Standard
Width Calipers	Standard	Standard	Standard	Standard	Standard
Spindle Lock - Foot Activated	No	Yes	Yes	Yes	Panel Activated
Weight storage pockets	12	17	22	22	13

1250

1450

1550

1650

1850

Wheel Balancer Accessories

510650
Truck Kit
Kit includes truck cone covering 114 mm to 171 mm as well as an offset spacer providing for balancing dual wheels.

510864
Pro Flange Plate Assembly
Includes 4 & 5 lug plates, performance plate, SUV/Lt truck plate and 23 studs of 4 different shapes, storage, stand, oper. chart and video.

Standard Accessories

Part	Description
CB42FM51744	Threaded Shaft (8")
CB325047011	Knurled Shaft Washer
CB312120137	Shaft Screw
CB114008002	Hex Wrench (8mm)
CB40FF43714	Small Cone (43-69mm / 1.7 - 2.7")
CB40FF43715	Medium Cone (60-81mm / 2.36 - 3.19")
CB40FF43716	Large Cone (79-110 mm / 3.1 - 4.33")
CB40FF51315	Pressure Cup
CB40FF51334	Pressure Ring
CB301400425	Weight Hammer
CB940051025	Width Calipers
CB40FF51338	Quick Locking Nut

Accu Offers a Complete Line of Wheel Service Equipment

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Computer Wheel Balancers

FOR ALL OF TODAY'S VEHICLES... AND TOMORROW'S

Accu•turn®
A TURN FOR THE BETTER

1650 VCD Vibration Control Diagnostic System

• 3D Automatic Parameter Entry measures tire radial run-out and rim eccentricity.

• User-friendly raised flat LCD monitor provides variety of screens, procedures, and suggestions.

• Optional printer provides customizable feedback including: tire position, run-out measurement, correction in formation, and more.

Standard foot brake locks the shaft to eliminate accidental tire roll while applying weights

Accu-stik parameter entry arm holds the weight while the screen shows the technician where to place it

Automatic run-out system tests every wheel for run-out and eccentricity

Large, easy-to-read customizable screens give the technician a choice in how information is displayed
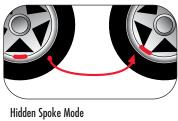
The VCD system can diagnose rim and tire problems and suggest solutions

Rim width is automatically entered as the hood is lowered

User-friendly set-up menus guide the technician step-by-step through special functions

Hidden Spoke Mode
Software program splits the inside weight and places the correction amounts behind the spokes ensuring the most attractive balance, while still maintaining the balance accuracy required

Accu-turn's Computerized Wheel Balancers provide weight placement versatility -
Any Wheel... Any Weight... Any Place...

ALU Balancing • PAX Tire Mode • Hidden Spoke Mode • Match Balancing

1550 High-Volume Wheel Balancer

- The perfect balancer for demanding service facilities and custom wheel shops.

- User-friendly raised flat screen display for easy access.

- Weight position pulse brake.

- Standard foot brake locks the shaft in place to ensure accurate weight placement.

- Accu-stik ensures proper placement of tape weight.

- 3D automatic parameter entry arm.

- Automatic tire matching suggestion when high static imbalances values are detected.

- All three wheel parameters are automatic.

- Stop-On-Top feature eliminates the need to rotate the tire to find the correction plane.

1450 Wheel Balancer

- Ideal for medium- to high-volume service facilities.

- Standard foot brake locks the shaft in place to ensure accurate weight placement.

- Truck round-off mode to ensure proper balancing of light trucks and SUVs.

- Hidden spoke mode allows the technician to hide the weight behind the spoke.

Accu-stik parameter entry arm holds and accurately applies tape weights to the wheel

1250 Passenger Wheel Balancer

- Featured enchanced economy wheel balancer designed to meet the needs of independent shops.

- 12 molded storage pockets.

- Standard Quick Nut and captured back spring.

- Six second balance cycle time.

- Four side cone storage pegs.

- Features tire matching.

- Hidden spoke mode allows the technician to hide tape weights behind the spoke.

1850 Heavy-Duty Wheel Balancer

- Ideal balancer for larger trucks and buses.

- Includes built-in pneumatic wheel lift.

- Features fully automatic spin stop cycle.

- Self-calibrating.

- Capable of balancing automotive wheels with optional accessories.

- Standard truck cones included.

- Two parameter automatic data entry.