EQUIPPED WITH AUTOMATIC WHEEL DIMENSION SONAR AND LASER RIM PROFILE SCANNER

AUTOMATIC BALANCING MODE

Perfect balancing with maximum speed and precision!

AUTOMODE

After lowering the hood the sonar automatically detects wheel dimension.

- The laser scans rim profile
- Balancing program is auto selected
- Adhesive weights are positioned and memorized
- Wheel spoke quantities are checked and position for proper location of hidden weights is located
- Easily switch readout from ounces to grams

LASER WHEEL SCANNER

The laser pointer indicates the exact positioning for weights

3D TECHNOLOGY

ELECTRONIC WHEEL BALANCERS WITH MICROPROCESSOR

<table>
<thead>
<tr>
<th>AUTOMATIC LOCK IN POSITION</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>STOP (OUT)</strong></td>
</tr>
<tr>
<td><strong>WHEEL LOCK</strong></td>
</tr>
<tr>
<td><strong>STOP (IN)</strong></td>
</tr>
<tr>
<td><strong>WHEEL LOCK</strong></td>
</tr>
</tbody>
</table>

Automatic start when the cover is lowered.
Automatic stop in the external unbalanced position.
Automatic rotation to the internal side.
Automatic stop in the internal unbalanced position.

TECHNICAL DATA

<table>
<thead>
<tr>
<th><strong>C380</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Rim diameter</td>
</tr>
<tr>
<td>Rim width</td>
</tr>
<tr>
<td>Maximum assembly weight</td>
</tr>
<tr>
<td>Max. tire diameter</td>
</tr>
<tr>
<td>Read out accuracy</td>
</tr>
<tr>
<td>Cycle time</td>
</tr>
<tr>
<td>Rotation speed (rpm)</td>
</tr>
<tr>
<td>Power supply</td>
</tr>
</tbody>
</table>
The functions related to each key vary according to use and are identified by icons on the display for easier understanding.

GUIDED BALANCING PROCEDURE

MONITOR KEYPAD

Linked directly to a standard monitor, this durable touchpad allows for a “gloved” input with the convenience of a touch screen monitor.

SPOKE
Hidden weight program

ALU-S
3 automatic ALU S programs

SPLIT PROGRAM

OPTIONAL ACCESSORIES

GAR113
4.65”- 6.8” (Ø 118-174mm)
Vans and light trucks

HW150400110 Nine-piece Pro Collet Kit 40mm
- Clad Wheel Problem Solver
- Static Imbalance Solution
- Lower Taper For Better Mounting Surface
- No Wheel Hub Interference
- Includes collets #1 thru #9
Complete Range from 52.5mm -122mm or 2.07”- 4.76”

STANDARD ACCESSORIES

GAR 111 1.75”- 4”
(Ø 44-104 mm)

GAR 112 3.75”- 5”
(Ø 95-124mm)
Light trucks

GAR 101

HW210400002
Series IV Quick Plate Kit 40mm
**ELECTRONIC WHEEL BALANCER WITH MICROPROCESSOR**

**ALL THE FEATURES FOR THE MOST DEMANDING PROFESSIONALS!**

Easy operation - interactive inputs guide the operator during all the phases of the balancing process.

- **Automatic storage of distance and diameter.**
- **Automatic programs.**

**INTERNAL DATA ARM**

Quick selection and rim run-out measurement with internal data gauge.

**AUTOMATIC LOCK IN POSITION**

**FAST PROCESS**

Automatic start when the cover is lowered and automatic stop of the wheel in the external unbalanced position.

- Stop in the external unbalanced position.
- Stop in the internal unbalanced position.
- Rotate to the internal side.

**TECHNICAL DATA**

<table>
<thead>
<tr>
<th>C355</th>
<th>Rim diameter</th>
<th>10&quot; - 30</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Rim width</td>
<td>1.5&quot; - 22&quot;</td>
</tr>
<tr>
<td></td>
<td>Maximum assembly weight</td>
<td>154 lbs. (70kg)</td>
</tr>
<tr>
<td></td>
<td>Max. tire diameter</td>
<td>44&quot;</td>
</tr>
<tr>
<td></td>
<td>Read out accuracy</td>
<td>1 g</td>
</tr>
<tr>
<td></td>
<td>Cycle time</td>
<td>6 seconds</td>
</tr>
<tr>
<td></td>
<td>Rotation speed (rpm)</td>
<td>&lt;100</td>
</tr>
<tr>
<td></td>
<td>Power supply</td>
<td>110v / 60 Hz / 1Ø</td>
</tr>
</tbody>
</table>

**STANDARD FEATURES**

- Quick lock
- Gauge
- Double LED
- Laser blade

**OPTIONAL ACCESSORIES PAGE 3**

**COLOR MONITOR with LINKED KEYBOARD**

**STANDARD**

- **GAR 111**
  - 1.73" - 4.4" (44-112 mm)
- **GAR112**
  - 3.75" - 5" (95-124mm)
  - Light truck cone
LOW ROTATION SPEED BALANCER

Computerized wheel balancer at a great value

Smaller footprint balancer with all the features designed for the most demanding technicians.

**TECHNICAL DATA**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rim diameter</td>
<td>10&quot; - 26&quot;</td>
</tr>
<tr>
<td>Rim width</td>
<td>1.5&quot; - 22&quot;</td>
</tr>
<tr>
<td>Maximum assembly weight</td>
<td>143 lbs. (65kg)</td>
</tr>
<tr>
<td>Max. tire diameter</td>
<td>34.4&quot;</td>
</tr>
<tr>
<td>Read out accuracy</td>
<td>1 g</td>
</tr>
<tr>
<td>Cycle time</td>
<td>6 seconds</td>
</tr>
<tr>
<td>Rotation speed (rpm)</td>
<td>&lt;100</td>
</tr>
<tr>
<td>Power supply</td>
<td>110 / 50 / 1ph</td>
</tr>
</tbody>
</table>

**SOFTWARE**

- **AUTOMATIC PROGRAM**
  Automatic measurement of distance and diameter thru ALUS and PAX programs.

- **HIDDEN WEIGHT**
  Program

- **CALIPER**
  For automatic distance and diameter measurement

**OPTIONAL ACCESSORIES**

- **HEAVY DUTY SHAFT**
  40mm

- **LARGE OFFSET**
  10.5"

**STANDARD ACCESSORIES**

- **LARGE DIGITAL DISPLAY**

**WWW.CHIEFAUTOMOTIVE.COM**

- **AUTO STOP ON TOP**
  Automatic start when cover is lowered.

- **AUTOMATIC START**
  Automatic start when cover is lowered.

- **AUTO STOP ON TOP**
  Automatic start when cover is lowered.

- **CALIPER**
  For automatic distance and diameter measurement

- **HIDDEN WEIGHT**
  Program

- **LARGE DIGITAL DISPLAY**

- **LOW ROTATION SPEED BALANCER**
  Computerized wheel balancer at a great value

- **SMALLER FOOTPRINT BALANCER**
  With all the features designed for the most demanding technicians.

- **HEAVY DUTY**
  Shaft

- **LARGE OFFSET**
  10.5"

- **LOW ROTATION SPEED BALANCER**
  Computerized wheel balancer at a great value

- **AUTO STOP ON TOP**
  Automatic start when cover is lowered.

- **AUTOMATIC PROGRAM**
  Automatic measurement of distance and diameter thru ALUS and PAX programs.

- **HIDDEN WEIGHT**
  Program

- **CALIPER**
  For automatic distance and diameter measurement

- **LARGE DIGITAL DISPLAY**

- **LOW ROTATION SPEED BALANCER**
  Computerized wheel balancer at a great value

- **AUTO STOP ON TOP**
  Automatic start when cover is lowered.

- **AUTOMATIC PROGRAM**
  Automatic measurement of distance and diameter thru ALUS and PAX programs.

- **HIDDEN WEIGHT**
  Program

- **CALIPER**
  For automatic distance and diameter measurement

- **LARGE DIGITAL DISPLAY**
Microprocessor controlled with self-calibration and self-diagnostics.
Specific balancing programs for static, dynamic and ALU wheels (light alloy).
One single spin with low rotation speed provides all the values.
Readout of out of balance values and the related position on the wheel.
Wheel diameter and width in inches or millimeters. Unbalance readout in grams or ounces.

2D AUTOMATIC DATA INPUT
Digital calliper with optical sensor, with alloy shaft sliding on bushes. Automatic storage of distance and diameter up to 26".

AIR BRAKE
An electro-pneumatic brake keeps the wheel in the unbalance position.

AIR LOCK
Model comes with pneumatic locking of the wheel.

AIR LIFT
441 lbs. capacity

TECHNICAL DATA

<table>
<thead>
<tr>
<th></th>
<th>C644</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rim diameter</td>
<td>10&quot; - 30</td>
</tr>
<tr>
<td>Rim width</td>
<td>1.5&quot; - 22&quot;</td>
</tr>
<tr>
<td>Maximum assembly weight</td>
<td>441 lbs. (200kg)</td>
</tr>
<tr>
<td>Max. tire diameter</td>
<td>51&quot;</td>
</tr>
<tr>
<td>Read out accuracy</td>
<td>10 g 1 g</td>
</tr>
<tr>
<td>Rotation speed (rpm)</td>
<td>100 80</td>
</tr>
<tr>
<td>Power supply</td>
<td>110v / 60 Hz / 10</td>
</tr>
</tbody>
</table>

DIMENSIONS C644

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>60&quot; (78&quot; open)</td>
<td>41&quot;</td>
</tr>
<tr>
<td>74&quot;</td>
<td>(72.5&quot; open)</td>
</tr>
</tbody>
</table>

Complete with cones for trucks.
### Standard Accessories

- **Calibration Kit**
- **GAR 122** Truck spacer
- **GAR 114** (202-221-281) Cones (2) for HD trucks (7.3” - 6.7” - 11”)
- **GAR 266T Width Sensor** Calliper for automatic measurement of rim width.

### Monitor Keypad

Linked directly to a standard monitor, this durable touchpad allows for a "gloved" input with the convenience of a touch screen monitor.

### Full Color Monitor

TFT SVGA 19" Screen

### Automatic Lock In Position

- **Stop (Out)** Wheel Lock
- **Stop (In)** Wheel Lock

Automatic start when the cover is lowered.
Automatic stop in the external unbalanced position.
Rotate to the internal side.
Stop in the internal unbalanced position.

### Auto Stop on Top

### PASSENGER CAR / LIGHT TRUCK

- **GAR 111** 1.73” - 1.5” (44-112 mm) Autos
- **GAR 112** 3.7” - 5” (95-132 mm) Light truck cone
- **GAR 113** 4.65” - 6.8” (118-174mm) Vans and light trucks

### CAMION / TRUCK / LKW

- **GAR 171** (3X170, 186, 205, 222, 245)
- **GAR 172** (4X275, 285) 202-221-281

**Shown:**
- **GAR 173** (5X225, 286, 335) Five finger adapter
- **GAR 124** Spacer for all balancers
- **HW700E400020** Truck centering disc for finger adapters Fits 8.65” and 8.69” (219.9-220.8mm) Required for use with GAR173 and/or GAR172

### Wheel Tire Sensors

- **GAR 171** (3X170, 186, 205, 222, 245)
- **GAR 172** (4X275, 285) 202-221-281

**Shown:**
- **GAR 173** (5X225, 286, 335) Five finger adapter
- **HW700E400020** Truck centering disc for finger adapters Fits 8.65” and 8.69” (219.9-220.8mm) Required for use with GAR173 and/or GAR172

### 644 Optional Products

**Linked directly to a standard monitor, this durable touchpad allows for a "gloved" input with the convenience of a touch screen monitor.**
STATE-OF-THE-ART SERVICE EQUIPMENT FOR EVERY JOB.

Ready to get started?
To learn more about how our equipment can prepare you for the next generation of repairs, contact your local Chief distributor.

Call 800-445-9262 or visit us online at chiefautomotive.com.