POWERFUL AND ACCURATE

CAR-O-TRONIC®

POWERFUL AND ACCURATE
Car-O-Tronic® Vision2 is the most powerful electronic measuring system for collision damage repair available on the market today. The sensor-equipped measuring slide, with a built-in versatile remote control, delivers real-time data three times per second to the advanced and easy-to-use Vision2 software. Compatible with any alignment bench, this wireless communication allows the operator to almost effortlessly manage the entire measuring process without having to be at the computer. Photo-based, and backed by Car-O-Data®, the world’s most comprehensive vehicle measurement database, it allows you to accurately and quickly target measuring points for fast diagnosis and repair.

Remote control features vary according to hardware version.

**ATTACHMENT POINT**
Fast and easy mounting of the tube and adapters

**SMART LED**
Shines green or red to indicate the correct measure point

**REMOTE CONTROL**
Measurements in one push of a button

**EJECT AND RELOAD!**
Change battery packs easily

**EASY TO CARRY**
The comfortable grip makes for easy transport

**FREEDOM OF MOVEMENT**
Three rotating axes. Easily slide from one point to another over the bridge

**RUBBER “BUMPER ZONES”**
Protects the measuring slide as well as vehicles

**PRESENTED IN THREE VERSIONS**
Car-O-Tronic® Vision2 X1, X2, X3

Car-O-Tronic® Vision2 X1, X2 and X3

Car-O-Tronic® is the fastest, most accurate, and easiest to use 3D measuring system on the market. The sensor-equipped measuring slide with built-in versatile remote control delivers data in real-time, 3 times per second!
**PROCESS ORIENTATED SOFTWARE INTERFACE**

**COMBINE THE MOST ADVANCED ELECTRONIC MEASURING SYSTEM ON THE MARKET WITH VISION2**

**WIRELESS COMMUNICATION SPEEDS UP THE PROCESS**

**COMPLETE - FAST - ACCURATE**

**WITH CAR-O-TRONIC® AND VISION2 SOFTWARE**

**CHOOSE YOUR VISION2 ACCORDING TO YOUR SHOP NEEDS**

**VISION 2 - X1**
- System for lower-body measuring

**VISION 2 - X2**
- System for lower- and upper-body measuring
- Includes High Measurement Point (HMP) adapter

**VISION 2 - X3**
- Upper-body point-to-point measuring on vehicles, including full frames, light trucks and SUV's
- Suspension diagnosis check, to find bent suspension parts during the repair process
- Surface damage diagnosis
- The worldwide VIN decoding system integrates seamlessly with the world's largest vehicle dimension database
- Multimedia support for the EVO universal system for anchoring, fixturing and holding

**CAR-O-TRONIC communicates wirelessly with Vision2,** Car-O-Liner’s state-of-the-art measuring software that guides the entire repair process and performs automatic centering, measuring and documentation. Choose between Vision2 - X1, X2, and X3 according to your equipment and body shop needs.

Photo-based and easy-to-learn Vision2 presents an intuitive workflow that allows for quick and accurate measuring. Integrated with Car-O-Data®, the world’s largest vehicle database with measurements for over 16,500 vehicles, it is super easy to find the correct measuring points.

Continuous updates via internet ensure that your database will always be up-to-date. All these features working together contribute to reduced cycle times and more efficient diagnosis and repair.

**HARDWARE FEATURES**

<table>
<thead>
<tr>
<th>Feature</th>
<th>CAR-O-TRONIC M21 + VISION2 X1</th>
<th>CAR-O-TRONIC M22 + VISION2 X2</th>
<th>CAR-O-TRONIC M23 + VISION2 X3</th>
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<tbody>
<tr>
<td>Click in battery/batteries</td>
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<tr>
<td>Plug in slot+measuring adapters</td>
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<tr>
<td>Wireless</td>
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<tr>
<td>Smart LED</td>
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<tr>
<td>HMP High measurement point accessory</td>
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<tr>
<td>Built-in remote control</td>
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<tr>
<td>Endless rotation</td>
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**SOFTWARE FEATURES**

<table>
<thead>
<tr>
<th>Feature</th>
<th>CAR-O-TRONIC M21 + VISION2 X1</th>
<th>CAR-O-TRONIC M22 + VISION2 X2</th>
<th>CAR-O-TRONIC M23 + VISION2 X3</th>
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<tbody>
<tr>
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<td>Vehicle damage analysis</td>
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<tr>
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<td>VIN Decoding</td>
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<td>Point-to-point data, unibody and full frame</td>
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</table>

Through sensors in each joint and a measuring head underneath, the measuring slide communicates wirelessly with Vision2, delivering real-time measuring data three times per second.

The built-in, versatile remote control lets the operator almost effortlessly manage the entire measuring process — without having to be at the computer.

**BENEFITS**

- No downtime, just click on the other charged battery
- More accurate measures
- Cable free
- Measuring point location assistant
- Quick upper body diagnosis
- Measuring procedure from distance
- Continuous 360° movement
- Keep a repaired vehicle database
- Structured vehicle search reference
- Graphic representation to diagnose vehicle damage
- Reduces incorrect choice of measuring points
- Real time repair monitoring (3 times/sec)
- Enhances diagnosis of points on the vehicle
- Comprehensive printouts as hardcopy documentation
- Assists in the learning process
- Safely store a database of repairs
- Online troubleshooting
- Allows repair of upper body damages
- Software information database
- Complete information on each work order
- Supports several systems
- Smartphone/tablet application
- Quick vehicle and measuring point identification
- Clearly identify damage
- Quality, process control
- Multimedia step-by-step setup information
- Quick wheel suspension diagnosis
- Reduction of rework, saves time
- Surface repair estimation
- Fast vehicle identification
- Detailed clamping and set-up information
- Fast diagnosis to save time
CAR-O-DATA®
THE WORLD’S LARGEST VEHICLE MEASUREMENT DATABASE

THE VAST MAJORITY OF VEHICLES ON THE ROAD TODAY CAN BE FOUND IN CAR-O-LINER’S DATABASE. WITH CRUCIAL MEASUREMENT REFERENCES AVAILABLE AT YOUR FINGERTIPS, THIS IS GUARANTEED TO BE A PROFITABLE ADDITION TO YOUR BUSINESS. NEW AND UPDATED VEHICLE MODELS ARE CONTINUOUSLY MEASURED BY OUR INTERNATIONAL TEAM OF EXPERIENCED ENGINEERS SUPPORTED BY VIRTUALLY EVERY MAJOR VEHICLE MANUFACTURER AROUND THE WORLD.

Covering nearly all new and updated vehicles – presently more than 16,500 models in total – Car-O-Data consistently provides access to current and reliable measurement data.

With Car-O-Liner vehicle measurement data service, Car-O-Data you receive immediate, via Internet, up-to-date information about the new and updated vehicles that are continuously measured by our team in cooperation with automotive manufacturers around the world.

DECREASE CYCLE TIMES - INCREASE REPAIR QUALITY AND PROFITS
With our comprehensive measuring data you will see an immediate improvement in the level of quality your technicians put into every diagnosis, which in turn gives shorter cycle times and raises your workshop’s bottom line.

CAR-O-DATA INDEX
The Car-O-Data Index, accessible from the Info Center menu, lets you update your vehicle database instantaneously over the Internet. Every day new interim data sheet and reference data for numerous new and old vehicle makes and models are available for downloading.

SUBSCRIPTION TO CAR-O-DATA® AVAILABLE
One-year exclusive access to Car-O-Data may be purchased. Download the database via the internet or receive it on DVD.

A CAR-O-DATA® SUBSCRIPTION GIVES YOU THE IMMEDIATE AVAILABILITY OF NEW VEHICLE DATA THROUGH THE CAR-O-LINER VISIONWEB (CAR-O-LINER’S CUSTOMER SUPPORT WEB) DIRECT ACCESS TO SUPPORT, TECHNICAL INFORMATION, FORUMS AND THE LATEST VEHICLE DATA, INCLUDING DIMENSIONS AND VEHICLE SETUP.

VISION WEB FEATURES AND BENEFITS
- PERSONAL LOGIN gives quick access to Car-O-Liner’s VisionWeb internet site
- IMMEDIATE CAR-O-DATA UPDATES via Internet, no waiting for the next DVD release
- FREE UPDATES so your measuring equipment software always has the latest data
- SUPPORT for data sheets keeps your workflow moving

CAR-O-DATA FEATURES AND BENEFITS
- WORLD’S LARGEST DATABASE for vehicle measurements, currently over 16,500 vehicles
- PHOTO BASED making it easy to find the correct measuring points
- LOWER AND UPPER BODY MEASURING points for fast diagnosis and repair
- ANIMATED SET-UP/CLAMPING position displayed for easy and accurate mounting
- POINT-TO-POINT measurements for light trucks and SUVs
- VIN NUMBER SEARCH function for fast vehicle identification
- HOLDING AND ANCHORING DATA gives detailed clamping and set-up information
- NEW VEHICLE DATA for approximately 300 new vehicles per year for repair of the latest models
- IMMEDIATE UPDATES of vehicle information released continuously on-line

EASY TAB STRUCTURE
All steps are guided through the tabs

ACCESSORIES
Special measuring adaptors

WORKFLOW PROCESS
Don’t miss any step with the intuitive workflow

VEHICLE IDENTIFICATION
Thousands of detailed images

SET-UP INFORMATION
Showing the clamping points

EVO SYSTEM
A detailed, guided set-up process

VEHICLE INFORMATION
Model, body code, wheel base, year and more
### STANDARD COMPONENTS

**BATTERY & BATTERY CHARGER**

Part Nos. 35365 (Battery) & 33493 (Charger)

**PC CABINET**

Steel cabinet with wheels for PC\(^2\) and Car-O-Tronic holder

* PC and printer are not included

Part No. 36481

**ADAPTERS AND MEASURING PARTS**

Part No. 46731

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<td>Adapter Ø 15, M100-15</td>
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<td>Stud Ø 60, M101-60</td>
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**CAR-O-TRONIC AND VISION2 PACKAGES**

- Car-O-Tronic Vision2 X1 46731
- Car-O-Tronic Vision2 X2 46732
- Car-O-Tronic Vision2 X3 46733

**POWERFULL AND ACCURATE**

**CAR-O-DATA**

The vast majority of vehicles on the road today can be found in Car-O-Liner’s database. Your Car-O-Tronic is delivered with a 14-day trial Car-O-Data Vision2 subscription. Car-O-Data is available with different subscription periods and database.

* Check all options with our distributors

**VISION 2 SOFTWARE**

Presented in three different versions (X1, X2, X3), Vision2 guides the entire repair process and performs automatic centering, measuring and documentation.

* Check the correct version per the chosen hardware.
## TECHNICAL DATA

### CAR-O-TRONIC M21 + VISION2 X1
- **Supply voltage**: Input AC 100 - 240 V, 50-60 Hz; Locked Output: DC 15 V, 2.2 mA
- **Display resolution**: ± 0.5 mm
- **Working area (LxWxH)**: 5,720 x 1,840 x 900 mm
- **Battery charging time**: 6 - 8 hours
- **Battery weight**: 1.8 kg
- **Wireless communication**: Bluetooth, Class 2
- **Output power and frequency**: Max. +6dBm | 2.4 GHz
- **Quality certificate**: ISO 9001 | ISO 14001
- **Calibration**: Individual calibration with full traceability to international/national standards of length

### CAR-O-TRONIC M22 + VISION2 X2
- **Supply voltage**: Input AC 100 - 240 V, 50-60 Hz; Locked Output: DC 15 V, 2.2 mA
- **Display resolution**: ± 0.5 mm
- **Working area (LxWxH)**: 6,720 x 2,120 x 1,985 mm
- **Battery charging time**: 6 hours (80%)
- **Battery weight**: 1.8 kg
- **Wireless communication**: Bluetooth, Class 2
- **Output power and frequency**: Max. +6dBm | 2.4 GHz
- **Quality certificate**: ISO 9001 | ISO 14001
- **Calibration**: Individual calibration with full traceability to international/national standards of length

### CAR-O-TRONIC M23 + VISION2 X3
- **Supply voltage**: Input AC 100 - 240 V, 50-60 Hz; Locked Output: DC 15 V, 2.2 mA
- **Display resolution**: ± 0.5 mm
- **Working area (LxWxH)**: 6,720 x 2,120 x 1,985 mm
- **Battery charging time**: 6 hours (80%)
- **Battery weight**: 1.8 kg
- **Wireless communication**: Bluetooth, Class 2
- **Output power and frequency**: Max. +6dBm | 2.4 GHz
- **Quality certificate**: ISO 9001 | ISO 14001
- **Calibration**: Individual calibration with full traceability to international/national standards of length

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### CAR-O-TRONIC VISION2 X2 KIT VW

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<tr>
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<td>Measuring parts M62</td>
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