

# Car-O-Tronic Vision X3

The measuring system made for the future



# The most advanced and easy system on the market

## Powerful and accurate

Car-O-Tronic Vision X3 is the most powerful system available. The sensor-equipped Measuring Slide with a built-in versatile remote control and protective rubber “bumper-zones” delivers real-time data three times per second to the advanced and easy-to-use software. Being photo-based, and backed by the world’s most comprehensive vehicle database, it allows you to accurately and quickly target measuring points.

## Easy to learn and use

The system is simple to learn and use with automatic centering and measuring abilities, few measurement steps, user-friendly menus and access to the unique Infocenter. Document the entire repair process in pictures with text and e-mail files to insurance companies directly from within the software.



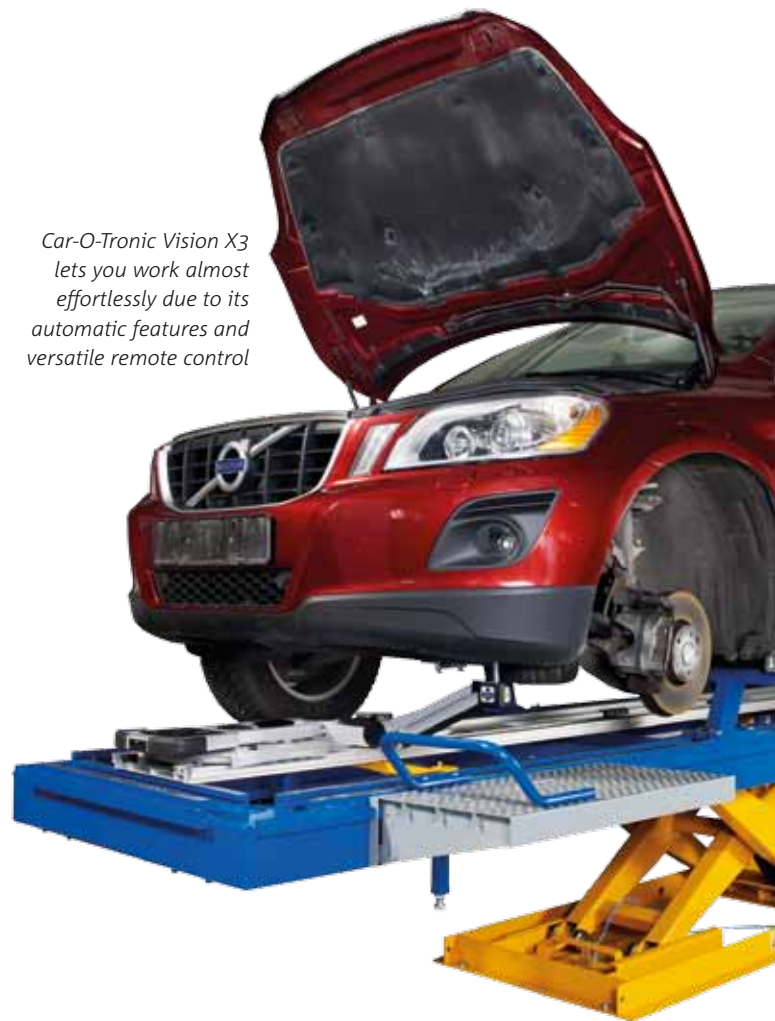
## Measuring with Car-O-Tronic Vision X3 is quick and easy

1. Register the work order and enter car make and model.
2. Conduct measurement, aided by the unique ASP function (Automatic Search Point). Advanced automation allows the system to always select the right point.
3. Print out the results and you are done!

## Get all you need from the Infocenter

The Infocenter, a unique software feature, provides nearly unlimited possibilities for updating vehicle data, news, support and interactive training.

*Car-O-Tronic Vision X3 lets you work almost effortlessly due to its automatic features and versatile remote control*



*Car-O-Tronic Vision X3 handles normal, as well as absolute and comparative, measuring. The Measuring Slide’s five sophisticated sensors provide real-time data three times per second*

# to use measuring

## Totally compatible with any bench

Adapter kits make the system fully compatible with almost any alignment bench. Car-O-Tronic Vision X3 is easy to move because of its small size. Analysis and diagnosis of damage can be accomplished even before raising the vehicle on the repair bench. You save time and keep bench systems free.



*With the optional Support Stand (M802), analysis and diagnosis can be performed even before lifting the vehicle on the repair bench, thus saving time and freeing your bench systems.*



*Protective PC Cabinet (Optional equipment)*



*Upper body measuring is made simple and accurate with the High-Measuring Point Adapter.*

## handEye™

### Wireless mobile software application for I-Phone/I-Pad



handEye is a totally new, innovative and high quality mobile solution. Compatible with the Car-O-Tronic Vision X3 measuring



system, it makes measuring easier and faster than ever before. It communicates with the PC via wireless network technology eliminating the need to move back and forth to the PC screen. The information is now in your hand!



handEye can be equipped with a magnet on the back so you easily can attach it to the car to keep both your hands free. The ergonomics, high performance and precision of handEye makes it an efficient tool for any body shop!





# Highly precise and durable h

## Measuring Slide with remote control

The Measuring Slide communicates wirelessly with the Car-O-Tronic Vision X3 software. Through sensors in each joint and a measuring head underneath, it delivers real-time measuring data three times per second. The built-in versatile Remote Control lets the operator manage the entire measuring process without having to be at the computer. The unit is easy to use with one button to enter commands such as automatic measurement of

the entire vehicle and another select button to browse through monitor menus. Rubber “Bumper-Zones” around key areas protect the slide as well as vehicles from dents or scratches.

## Measuring Bridge

The Measuring Slide mounts and moves on the Measuring Bridge, which has microscopic markings in its rails to enable the measuring head beneath the slide to determine its horizontal position.

*“Plug-in” slot for fast and easy mounting of measuring parts*

*Integrated versatile remote control*

*“Plug-in” socket for external devices*

*The remote control has two keyboards. Press the one on the end for automatic measurement of the entire vehicle! Use the keyboard on the side to select a menu while keeping an eye on the PC monitor or handEye.*

*Ergonomic rubber grip for easy transport*

*Changing battery packs is easy – just eject and reload!*

*The sensors in each joint deliver real-time data three times per second*

# Hardware

## High Measuring Point Adapter

Upper-body measuring is simple and accurate with the High-Measuring Point Adapter.



### Technical Data Hardware

Measuring Slide

High Measuring Point Adapter

Measuring Bridge in several lengths

PC Cabinet

Measuring Parts

Monitor Cover (Optional)

Support Stand (Optional)

Adapter Kits (Optional)

### PC Cabinet

The protective PC Cabinet gives easy access to your PC, monitor and printer. The Measuring Slide stores together with the High-Measuring Point Adapter inside the cabinet.

# The world's largest vehicle

## Car-O-Data

Covering nearly all new and updated vehicles – presently more than 13,900 models – Car-O-Data consistently provides access to current and reliable data. Integrated with the software, it truly realizes its enormous potential. New and updated vehicles are continuously measured by our international measuring team in cooperation with automotive manufacturers around the world.

### One year of Car-O-Data included

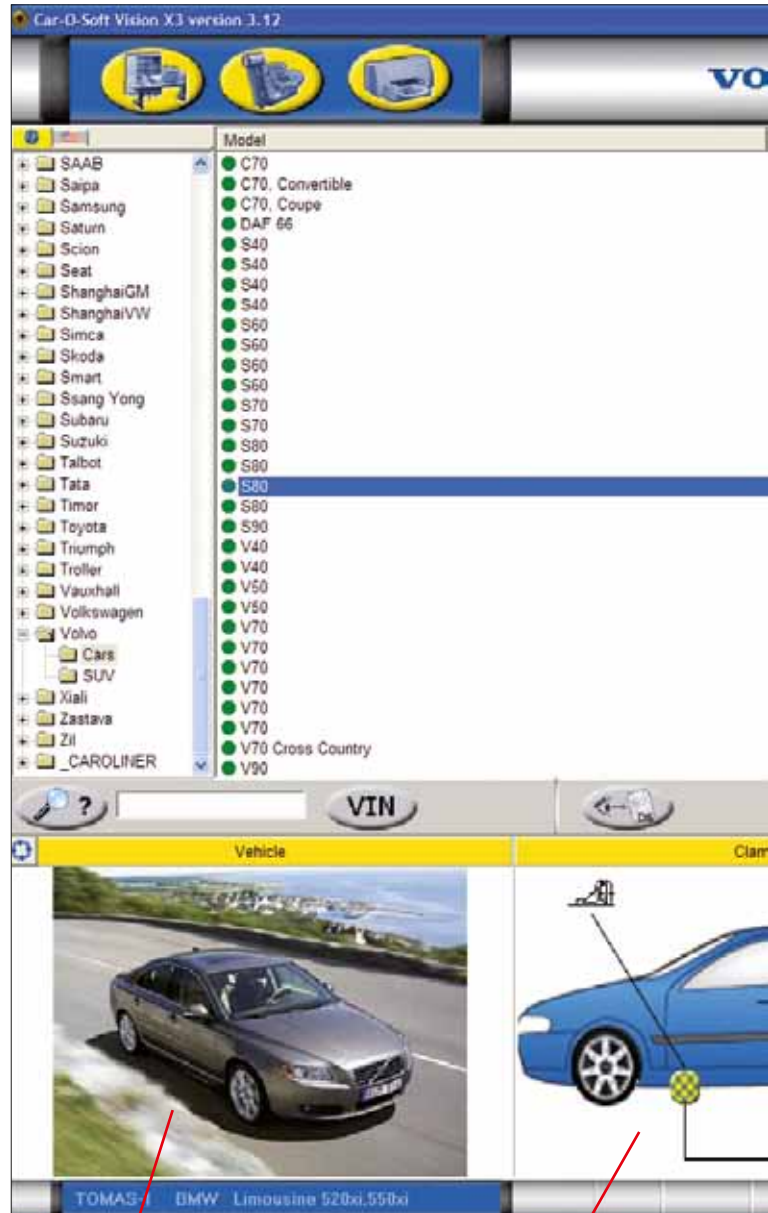
The Car-O-Tronic Vision X3 measuring system entitles you to one year of exclusive access to Car-O-Data over the Internet.\* Car-O-Data is also available on DVD as a yearly subscription with quarterly updates.

### Increase both 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 repair.

Our measuring specifications increase the productivity and the efficiency of the technicians – twin prerequisites for a profitable business.

\* Requires internet connection



Car-O-Data provides thousands of detailed car images and hard data.

The Car-O-Soft Vision X3 software delivers specifications for choice of clamps and where to put them.

Seamlessly integrated in Car-O-Tronic Vision X3, Car-O-Data provides invaluable data from the most comprehensive vehicle database in existence today.

# Vehicle database

The screenshot shows the LVO software interface. At the top, there's a navigation bar with a yellow arrow and a question mark. Below it is a table with columns: Body Code, Type, Year, No, Issue, and WheelBase. The table lists various vehicle configurations and their corresponding data. Below the table, there's a section for 'Accessories (B-parts)' with a diagram of a car's rear suspension. The diagram shows a blue car with a yellow circle highlighting the rear wheel area. A red line points from the text below to a specific part labeled 'B106' in the diagram.

Body Code	Type	Year	No	Issue	WheelBase
	CV/FWD	2006 -	22 038	2006-11-21	2640
	CV/FWD	1998 - 2004	22 022	2006-08-16	2660
	C/FWD	1997 - 2004	22 020	2006-08-16	2660
	3D	1972 - 1978	22 001	2004-04-08	2250
	4D/FWD	1996 - 2000	22 017	2006-01-25	2550
	4D/FWD	2000 - 2004	22 028	2006-01-25	2526
	4D/AWD	2004 -	22 032	2006-11-17	2639
	4D/FWD	2004 -	22 030	2006-11-17	2639
	4D/FWD	2001 - 2004	22 024	2006-11-17	2720
	4D/AWD	2002 - 2004	22 026	2006-11-17	2720
	4D/AWD	2005 -	22 037	2006-11-17	2720
	4D/FWD	2005 -	22 036	2006-11-17	2720
	4D/AWD	1997 - 2000	22 019	2006-08-16	2660
	4D/FWD	1997 - 2000	22 015	2006-08-16	2660
	4D/AWD	1998 - 2006	22 021	2006-06-01	2790
	4D/FWD	1998 - 2006	22 021	2006-06-01	2790
	4D/AWD	2006 -	22 039	2007-01-04	2835
	4D/FWD	2006 -	22 039	2007-01-04	2835
	4D	1997 - 1999	22 016	2004-05-24	2770
	SW	1996 - 2000	22 017	2006-01-25	2550
	SW	2000 - 2004	22 028	2006-01-25	2526
	SW/FWD	2003 -	22 031	2006-11-08	2639
	SW/AWD	2004 -	22 033	2006-12-11	2639
	SW/AWD	1997 - 2000	22 019	2006-08-16	2660
	SW/FWD	1997 - 2000	22 015	2006-08-16	2660
	SW/AWD	2000 - 2004	22 023	2006-08-16	2760
	SW/FWD	2000 - 2004	22 023	2006-08-16	2760
	SW/AWD	2005 -	22 034	2006-11-17	2760
	SW/FWD	2005 -	22 034	2006-11-17	2760
	SW/AWD	2000 - 2004	22 025	2006-08-16	2760
	SW	1997 - 1998	22 016	2004-05-24	2770

Accessories (B-parts)

- B106 (2)
- B264 (2)

A= 640  
B= 2055

B264

B106

Receive information about special adapters needed for a particular measurement operation

Covering over 13,900 models it always supplies current and reliable reference data for the measuring system.

## Car-O-Data Index

The Car-O-Data Index – accessible from the Infocenter menu – lets you update your vehicle database in an instant over the Internet. Each day, new interim data sheets and reference data for numerous new and old car makes and models are available for downloading.



Stay current with our quarterly vehicle data updates on CD or the Internet-based Vision Data.

## Technical Information Car-O-Data

### Available by subscription

- Vehicle database covering over 13,900 models
- Seamless integration with Car-O-Tronic Vision Classic Software
- Updates 4 times per year on DVD or continuously via internet subscription



# Advanced and easy to use so the entire repair process

## Quick and Easy Measurement

Car-O-Soft Vision X3 software is advanced, user-friendly and filled with new and exciting features. It is simple to learn and use with automatic centering and measuring abilities, fewer measurement steps, user-friendly menus

and access to the Infocenter. It guides the entire process – from initial diagnosis to final verification. It is photo-based and backed by the world’s largest vehicle database containing more than 13,000 models.

### Only three measurement steps:



**1** Start measuring by registering a work order and entering car make and model.



The software can easily be integrated with other software estimating systems, such as ASA Network, CCC, Mitchell, ADP and ACS.



Submit customer data and insurance information under the Customer and/or Insurance tab. The Repair Center tab leads you to print-outs and photos with text for export to other systems, insurance companies, e-mail or print-outs.



After submitting the general vehicle specifications you receive all the crucial information required – where to put the clamps, what extra equipment you may need and much more!



**2** Conduct automatic centering and measuring of the vehicle at the same time.



Just press the bull's-eye shaped button for automatic measuring. The ASP function displays photos of the measuring points automatically on-screen as the Measuring Slide moves from point to point.



In Absolute and Comparative measuring modes it is possible to describe, with photos and in text, how the different points have been measured.




When measuring during alignment you can easily zoom in on specific details for maximum control.



# Software guides

## The Infocenter

Always available, the Infocenter provides almost unlimited possibilities for updating vehicle data, news, support and interactive training.

 **3** Print out the measuring results and you are finished!




When the alignment process is complete you can print out or produce files verifying that the vehicle is restored to pre-accident condition. Choose from 15 alternative documents.



Car-O-Soft Vision X3 has extensive features for documentation. E-mail photos of damaged cars to insurance companies or estimating systems.



Use the Viewer to choose the photos you want to attach to your e-mail.

 The Infocenter is always accessible with the green button at the bottom of the screen. (Some functions below require Internet access.)



### 1 Car-O-Data Index (Vehicle database index)

Lets you easily browse your Index and automatically update your vehicle database.

### 2 Interactive Training

Enter Interactive Training to learn more about Car-O-Tronic VisionX3. Step-by-step you are guided through the entire measuring process.

### 3 News\*

The News section gives you all the important information you need about Car-O-Tronic Vision X3. We also keep you updated with news about other Car-O-Liner products.

### 4 Support\*

Contact Support when you need assistance. The Remote Support feature scans you computer to determine sources of error and sends a report to our Support Team. There is also a Frequently Asked Questions section.

### 5 Links\*

Through the Infocenter links you will have quick access to useful and related websites. You can easily add and delete links on you own.

### 6 Settings

Modify the software settings in the Settings area. Change language or adjust toolbars, resolution, colours and more.

\*Requires Internet Connection

## Technical Information

### Car-O-Tronic Vision X3

#### Software

Car-O-Tronic Vision X3  
(Advanced measuring software)

#### Internet:

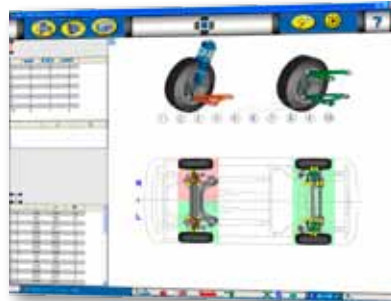
InfoCenter

# Car-O-Tronic Vision X3

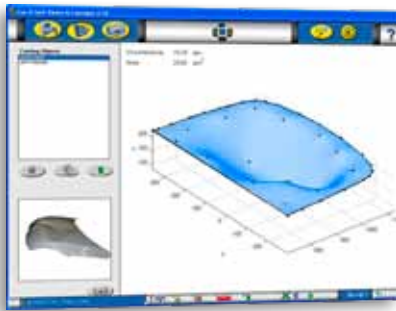
Excellency in high-tech accuracy, speed and control



*Point to Point - Distance Measuring*



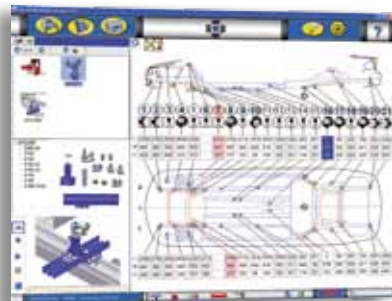
*Suspension Check Diagnosis*



*Surface Damage Diagnosis*



*VIN Decoding System*



*Multimedia Support - EVO*



*Multimedia Support - EVO*

## Special functions in Vision X3

- Upper Body - Point to point measuring on all vehicles including Full Frames, Light Trucks and SUV's.
- Suspension Check Diagnosis to find bent suspension parts during the repair process
- Surface Damage Diagnosis
- Worldwide VIN decoding system integrates seamlessly with the world's largest vehicle dimension database.
- handEye wireless, mobile software application for I-Phone/I-Pad
- Multimedia Support for Car-O-Liner's new modular Anchoring- EVO, Side Support and Universal parts fixturing (holding) System

# Service and Support

## Online Support\*

When you purchase Car-O-Tronic Vision X3 installation, support and access to the online InfoCenter is available. Search for help in the FAQ section.

\* Requires Internet Connection

## Local Service and Support

Car-O-Liner offers local service and support in more than 70 countries. Regular control certification of the measuring system to comply with local quality standards is also available. Car-O-Tronic Vision X3 is delivered with a calibration certificate.



## Service and Support

- Installation assistance
- InfoCenter support
- Calibration certificate





*Car-O-Liner,<sup>®</sup> along with Josam<sup>®</sup>, is part of the Alignment Systems Group. Car-O-Liner develops collision repair systems for cars and light trucks, while Josam focuses on heavy-duty vehicles. The Alignment Systems and Car-O-Liner Headquarters are located in Gothenburg, Sweden. Our main factory is based Kungsör, Sweden. Car-O-Liner runs operations of its own in Sweden, Norway, the USA, the UK, France, Germany and China and sells through local distributors in more than 70 countries.*

*Car-O-Liner products are well known for their high quality, advanced technology and ergonomic design. According to our customers, Car-O-Liner's collision repair equipment is the best made, the easiest to learn, the simplest to use and the most productive.*

*With Car-O-Liner equipment in your shop, your customers - the vehicle owners and insurance companies - will experience safety and complete satisfaction from your work - everything you need to reduce cycle times and increase profits!*



*Integrity*



*Innovation*



*Willingness to change*



*Winning spirit*

*Car-O-Liner is recognized for its leadership in the marketplace by continuously delivering high quality products and exceptional customer service.*

**CAR-O-LINER<sup>®</sup>**  
*Your safety - our mission*

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