

# CAR-O-TRONIC VISION™

## The Measuring System made for the Future

Experience Car-O-Tronic Vision – the fastest, most accurate and easiest to use computerized measuring system on the market today! It guides the entire repair process and performs automatic centering, measuring and documentation. It is photo-based, integrated with the world's largest vehicle database and fully compatible with any alignment system.

We design the future of collision repair systems!



**CAR-O-LINER®**  
Excellence in Collision Repair

# The World's Most Advanced and Easy-to-use Measuring System

## Powerful and Accurate

Car-O-Tronic Vision 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.



*Measuring with Car-O-Tronic Vision 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!

*Car-O-Tronic Vision handles normal- as well as absolute- and comparative measuring. Upper body measuring is made simple and accurate with the High-Measuring Point Adapter.*

## DATA

### Car-O-Tronic Vision:

#### Hardware:

- Measuring Slide
- Measuring Bridge
- High-Measuring Point Adapter
- PC Cabinet
- Measuring Parts

#### Software:

- Car-O-Soft Vision
- Car-O-Data

#### Internet:

- Vision Data

## 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.



*The Measuring Slide's five sophisticated sensors provide real-time data three times per second.*

### **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.

### **Fully Compatible with Any Bench**

Adapter Kits make the system fully compatible with almost any alignment bench. Car-O-Tronic Vision 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.

*Car-O-Tronic Vision lets you work almost effortlessly due to its automatic features and versatile Remote Control.*



*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.*



*The protective PC Cabinet (M82) gives easy access to computer, monitor and printer. The Measuring Slide stores inside the cabinet.*



*The PC Cabinet can be outfitted with the optional Monitor Cover.*

# High-Precision and Durable Hardware

## Measuring Slide with Remote Control

The Measuring Slide communicates wirelessly with the Car-O-Tronic Vision 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.

*Integrated versatile Remote Control.*

*"Plug-in" slot for fast and easy mounting of measuring parts.*

*Plug-in socket for external devices.*

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

*Rubber "Bumper Zones" around key areas protect the Measuring Slide as well as vehicles.*

*The Remote Control has two buttons. Press the one on the end for automatic measurement of the entire vehicle! Press the button on the side to select a menu while keeping an eye on the PC monitor.*

## DATA

### Hardware

- Measuring Slide
- Measuring Bridge
- High-Measuring Point Adapter
- PC Cabinet
- Measuring Parts
- Monitor Cover (optional)
- Support Stand (optional)
- Adapter Kits (optional)

### 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.

### High-Measuring Point Adapter

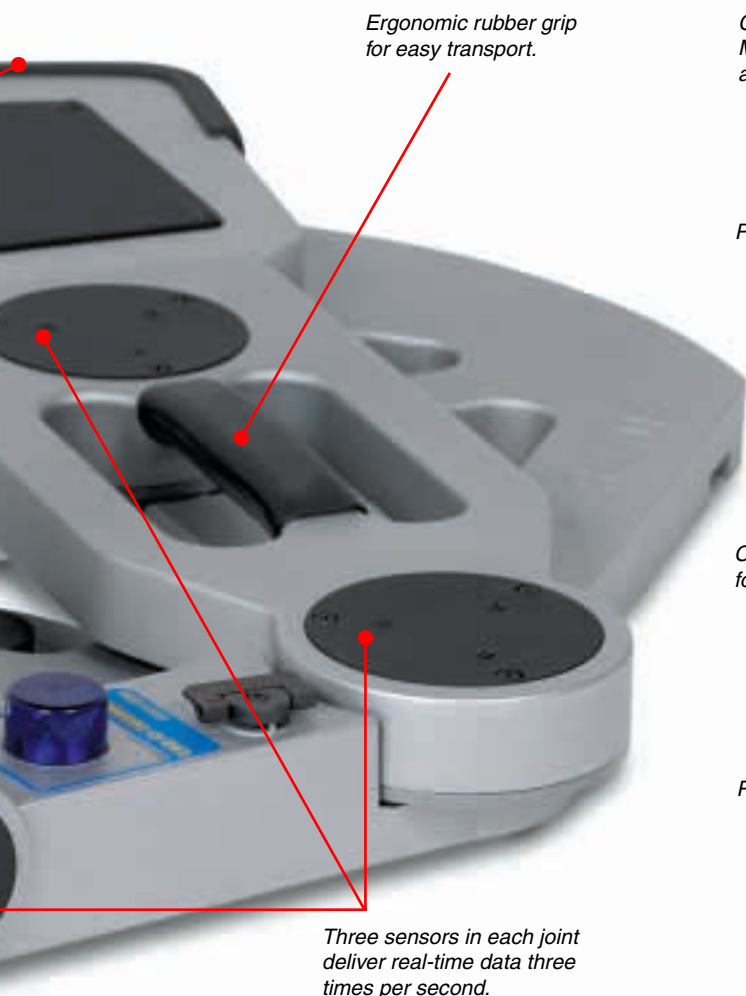
Upper-body measuring is simple and accurate with the High-Measuring Point Adapter.

### 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 monitor will be safe from scratches, dust and dirt behind the optional Monitor Cover.*



*Compartment for the High-Measuring Point Adapter and Measuring Slide.*

*Printer bay and keyboard tray.*

*Convenient compartment for PC and accessories.*

*Protective rubber "Bumper-Zones".*



# Advanced and Easy-to-use Software Guides the Entire Repair Process

## Quick and Easy Measurement

Car-O-Soft Vision 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 10,000 models.

### Only three measurement steps:



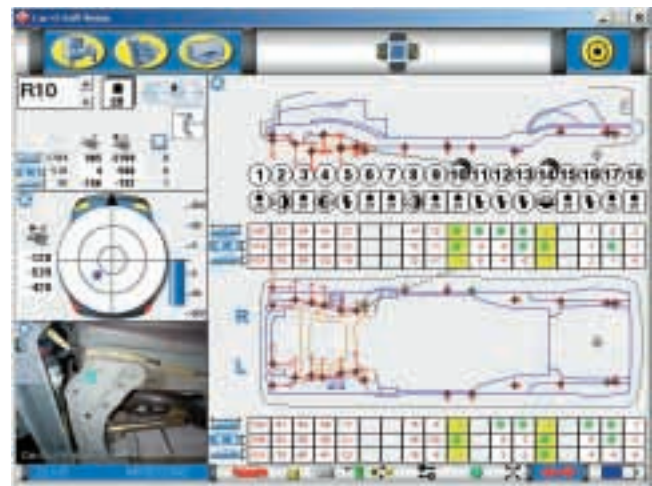
Start measuring by registering a work order and entering car make and model.



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



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



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.



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!



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.

## DATA

**Software**  
Car-O-Soft Vision (Advanced measuring software)

**Internet:**  
- Infocenter

Access the software with the “intelligent” Remote Control keyboard integrated to the measuring slide.



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 has extensive features for documentation. E-mail photos of damaged cars to insurance companies or estimating systems.



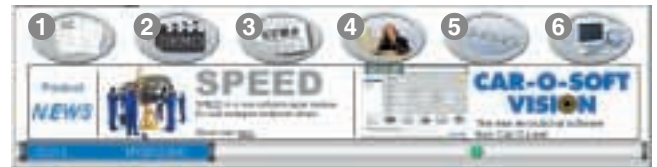
Use the Viewer to choose the photos you want to attach to your e-mail.

## The Infocenter

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



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



### 1 Vision 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 Vision. 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. 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 your 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 web sites. You can easily add and delete links on your own.

### 6 Settings

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

\* Requires Internet connection

# The World's Largest Vehicle Database

## Car-O-Data

Covering nearly all new and updated vehicles – presently more than 10,000 models – Car-O-Data consistently provides access to current and reliable data. Being integrated with the software, it truly realizes its enormous potential. New and updated vehicles are continuously measured by our international measuring team in co-operation with automotive manufacturers around the world.

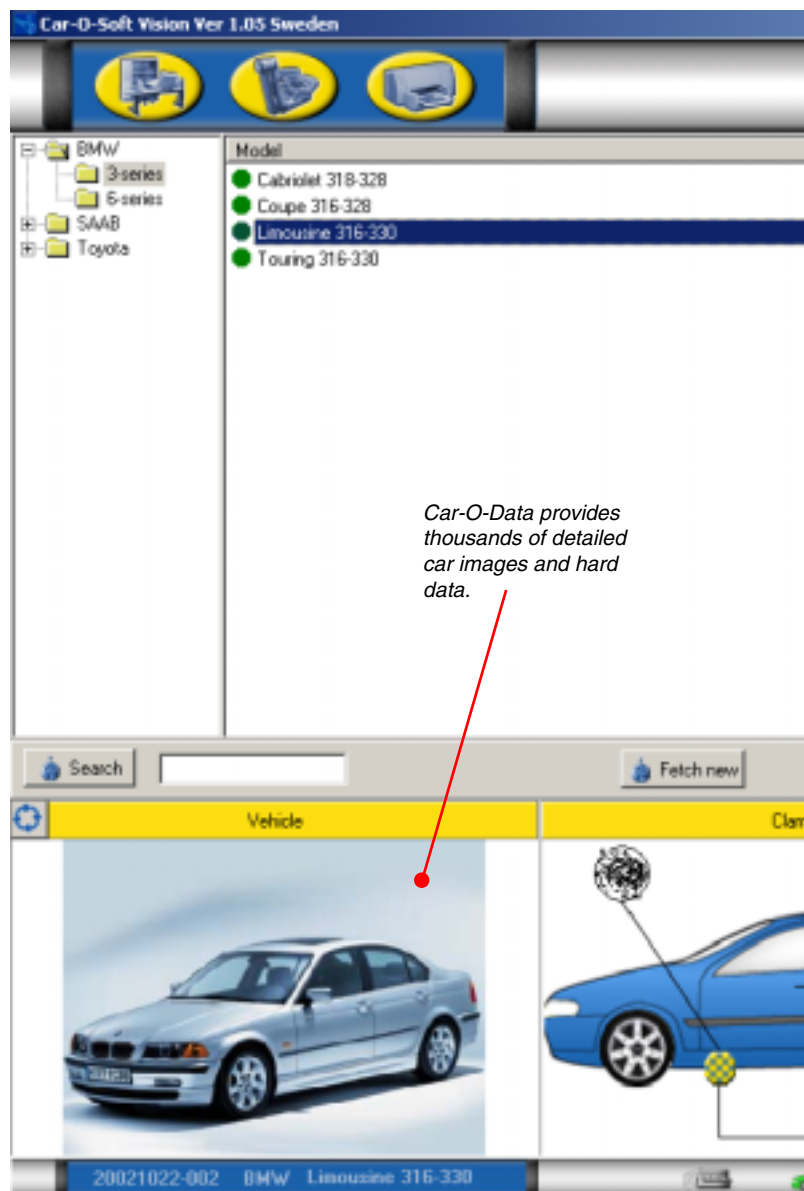
### One Year of Vision Data Included

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

### 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 work – twin prerequisites for your profitable business.

\* Requires Internet connection



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

*Seamlessly integrated in Car-O-Tronic Vision, Car-O-Data provides invaluable data. Covering over 10,000 models it always supplies current and reliable reference data.*

## DATA

### Vehicle Database

- Car-O-Data available by subscription
- Vehicle database covering over 10,000 models
- Seamless integration in Car-O-Tronic Vision
- Updates 4 times per year on CD

### Vision Data

- One year access to interim data sheets and vehicle database update services on the Internet



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E46/C	CV	2000-01-01 -	2.036	2002-09-0...	-1
E46/2	C	1999-01-01 -	2.036	2002-09-0...	-1
E46/4	4D	1998-01-01 -	2.036	2002-09-0...	-1
E46/3	SW	2000-01-01 -	2.036	2002-09-0...	-1

The Car-O-Soft Vision software delivers specifications on what clamps you should use and where to put them.

Receive information about special adapters needed for a particular measurement operation.

Accessories (B-Parts)

- B248 (2)
- B248-A1 (2)
- B248 (2)
- B248-A1 (2)

**B248**

## Vision Data

Vision Data – 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 to download.



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

from the most comprehensive vehicle database in existence today for the measuring system.

# Service and Support

## Online Support\*

When you purchase Car-O-Tronic Vision installation, support and access to the online Infocenter is available. Search for help in the FAQ section or use the Remote Support feature to generate analysis reports.

## Local Service and Support

Car-O-Liner offers local service and support in more than 60 countries. Regular control certification of the measuring system to comply with local quality standards is also available. Car-O-Tronic Vision is delivered with a calibration certificate.

\* Requires Internet connection



*With service and support from Car-O-Liner your Car-O-Tronic Vision will always measure up!*

## DATA

### Service and Support

- Installation support
- Infocenter support
- Calibration certificate

# Training

## Instruction

Hands-on training is included when you purchase Car-O-Tronic Vision. Click on the Infocenter button to receive step by step interactive training. Quality minded body-shops should also register at the Car-O-Liner Academy or your local Car-O-Liner Training center to receive additional training in order to get the most out of your measuring system.

## Car-O-Liner Academy

The Car-O-Liner Academy offers technical training programs to collision repair technicians, insurance industry professionals, and technical instructors. Car-O-Liner offers qualified instruction at the World Headquarter Training Center in Kungsör, Sweden, a National Training Center in Wixom, Mi, USA and in Rugby, UK, Bangkok, Thailand, Skien, Norway as well as 50 world-wide distributors with local Training Centers. An investment in training increases overall shop know-how, leading to higher productivity and quality of collision repairs, and ultimately greater profitability.



*The Car-O-Liner Academy consists of a World Headquarter Training Center in Kungsör, Sweden, a National Training Center in Wixom, Mi, USA and in Rugby, UK, Bangkok, Thailand, Skien, Norway as well as 50 world-wide distributors with local Training Centers.*

## DATA

### Training

- Hands-on training
- Access to the Infocenter Interactive Training area.



### **Excellence in Collision Repair**

Car-O-Liner – well-known for quality, ingenuity and design – is a leading supplier of equipment and services for the Collision Repair Industry.

In 1973 Car-O-Liner introduced the world's first universal alignment bench with measuring system, and in 1990 the computerized measuring system was launched. Today more than 30,000 Car-O-Liner collision repair systems are used in more than 60 countries all over the world. The products are sold, serviced and supported by subsidiaries and distributors globally.

Car-O-Liner offers qualified instruction at the World Headquarter Training Center in Kungsör, Sweden, a National Training Center in Wixom, Mi, USA and in Rugby, UK, Bangkok, Thailand, Skien, Norway as well as 50 world-wide distributors with local Training Centers.

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