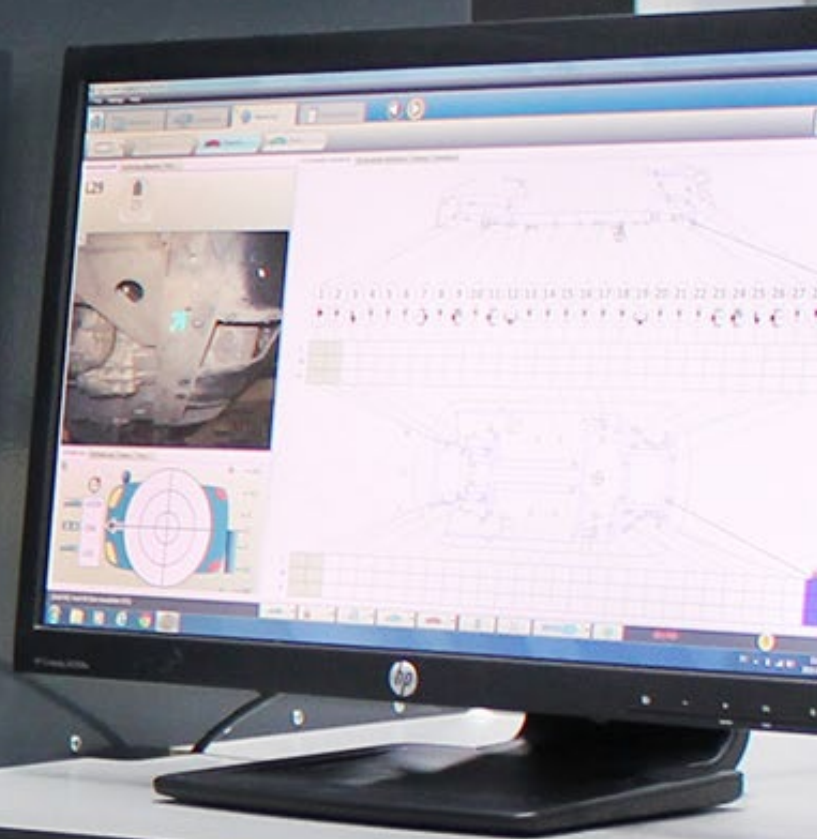


car-o-liner **CAR-O-LINER**<sup>®</sup>

Car-O-Tronic Vision<sup>™</sup>



**CAR-O-DATA<sup>®</sup> & VISION2**  
POWERFUL AND ACCURATE

# 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 data service, **Car-O-Data** you receive immediate through the Internet, up-to-date information about 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.

### 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<sup>2</sup> 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<sup>2</sup>
- VIN NUMBER SEARCH<sup>2</sup> function for fast vehicle identification
- HOLDING AND ANCHORING DATA<sup>2</sup> 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

<sup>2</sup> Available for Vision2 X3

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

# THE DATA YOU NEED

ANY VEHICLE, ANY TIME

## EASY TAB STRUCTURE

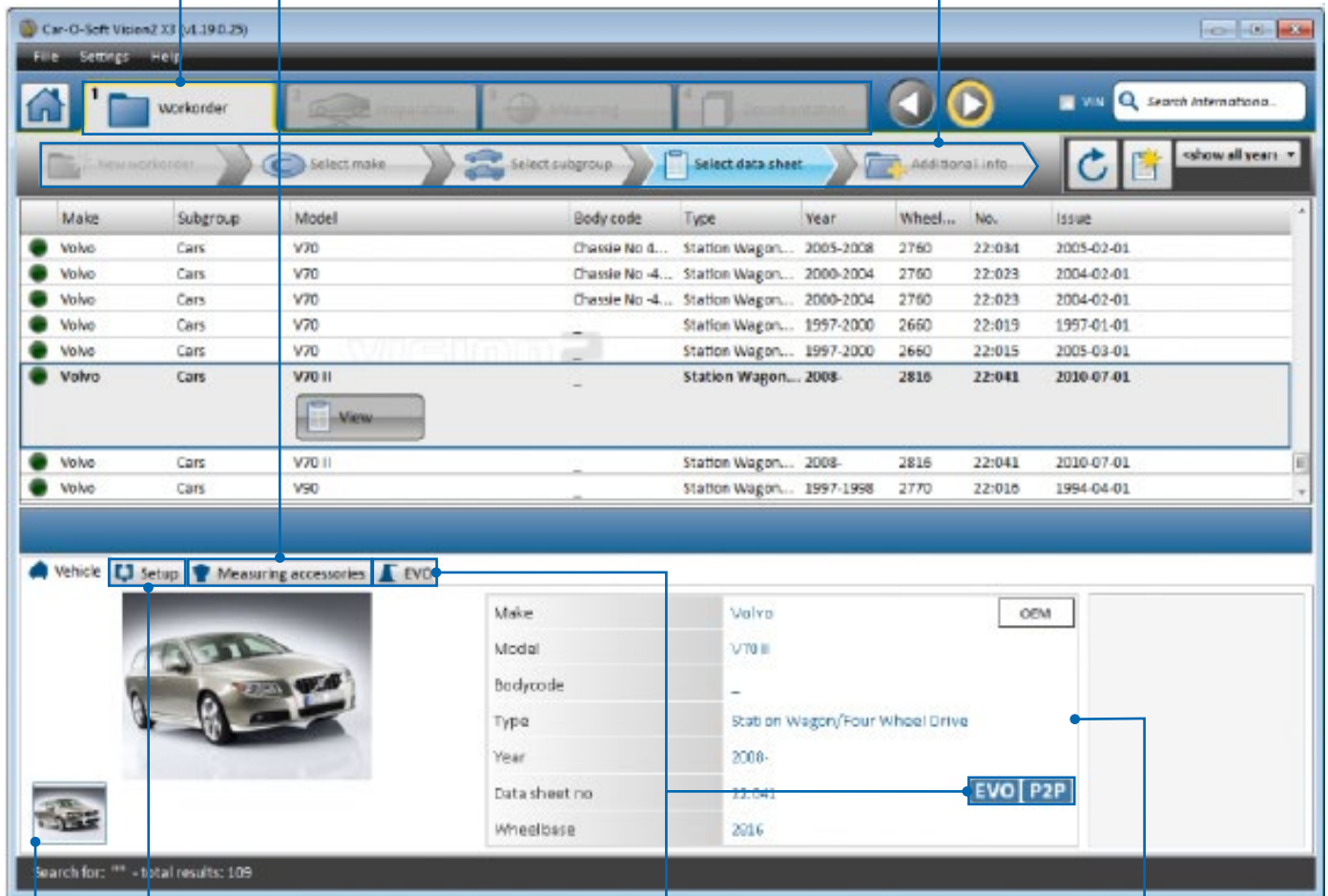
All steps are guided through the tabs

## ACCESSORIES

Special measuring adaptors

## WORKFLOW PROCESS

Don't miss any step with the intuitive workflow



## SETUP INFORMATION

Showing the clamping points

## EVO SYSTEM

An detailed guided setup process

## VEHICLE IDENTIFICATION

Thousands of detailed images

## VEHICLE INFORMATION

Model, body code, wheel base, year and more

# VISION2™

## PROCESS ORIENTATED SOFTWARE INTERFACE

COMBINE THE MOST ADVANCED ELECTRONIC MEASURING SYSTEMS ON THE MARKET WITH VISION2

**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.

### 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 EVO universal system for anchoring, fixturing and holding

### VISION 2 - POINTX

- Fully compatible with any alignment system
- Datasheet Wizard for easy search for vehicle datasheets

## WIRELESS COMMUNICATION SPEEDS UP THE PROCESS



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.

# COMPLETE - FAST - ACCURATE

WITH CAR-O-TRONIC<sup>®</sup> AND VISION2 SOFTWARE

	CAR-O-TRONIC M21 + VISION2 X1	CAR-O-TRONIC M22 + VISION2 X2	CAR-O-TRONIC M23 + VISION2 X3	BENEFITS
<b>HARDWARE FEATURES</b>				
Click in batteries	X	X	X	No downtime, just click on the other charged battery
Plug in slot/measuring adapters	X	X	X	More accurate measures
Wireless	X	X	X	Cable free
Smart LED	X	X	X	Measuring point location assistant
HMP (high measurement point) accessory		X	X	Quick upper body diagnosis
Built-in remote control			X	Measuring procedure from distance
Endless rotation			X	Continuous 360° movement
<b>SOFTWARE FEATURES</b>				
Work order form	X	X	X	Keep a repaired vehicle database
Complete vehicle index list	X	X	X	Structured vehicle search reference
Vehicle damage analysis	X	X	X	Graphic representation to diagnose vehicle damage
ASP (automatic search point)	X	X	X	Reduces incorrect choice of measuring points
Measuring during pulling	X	X	X	Real time repair monitoring (3 times/sec)
Absolute and comparative measuring mode	X	X	X	Enhances diagnosis of points on the vehicle
Documentation as print-outs	X	X	X	Comprehensive printouts as hardcopy documentation
Guide and instruction manual	X	X	X	Assists in the learning process
Backup	X	X	X	Safely store a database of repairs
VisionWeb support	X	X	X	Online troubleshooting
Upper body measuring mode	X	X	X	Allows repair of upper body damages
Info center	X	X	X	Software information database
Repair info	X	X	X	Complete information on each work order
Online updates	X	X	X	Up-to-date information
Auto screen resolution adjustment	X	X	X	Resolution sets automatically, user friendly
Import/export of work order	X	X	X	Supports several systems
handEye	X	X	X	Smartphone/tablet application
Vehicle and measuring points photo database	X	X	X	Quick vehicle and measuring point identification
Chassis drawings	X	X	X	Clearly identify damage
Automatic centering		X	X	Quality, process control
EVO 1, 2, 3 support (holding and anchoring)			X	Multimedia step-by-step setup information
Ball joint measuring			X	Quick wheel suspension diagnosis
Suspension check			X	Reduction of rework, saves time
Surface damage diagnosis			X	Surface repair estimation
VIN Decoding			X	Fast vehicle identification
Animated setup/clamping information			X	Detailed clamping and set-up information
Point-to-point data, unibody and full frame			X	Fast diagnosis to save time

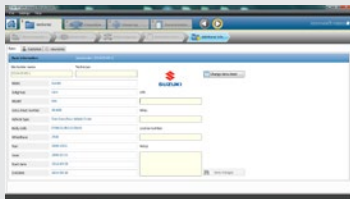
# 3 EASY STEPS!

## SUPER FAST RESULTS

- 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.

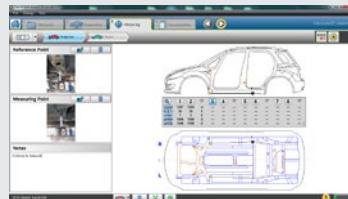


After submitting the general vehicle specifications you receive all the crucial information required – where to put the clamps, what extra equipment you may need and much more!

- 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.

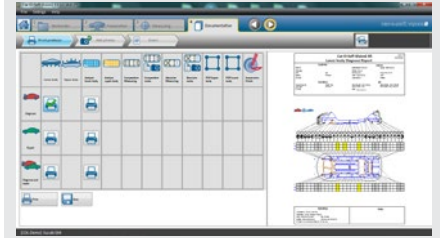


In Absolute and Comparative measuring modes it is possible to describe, with photos and in text, how the different points have been measured. (Vision2 X3 only)

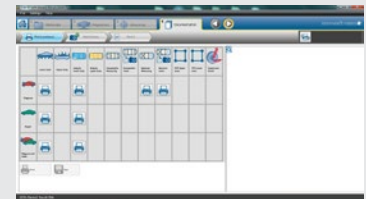


When measuring during alignment you can easily zoom in on specific details for maximum control.

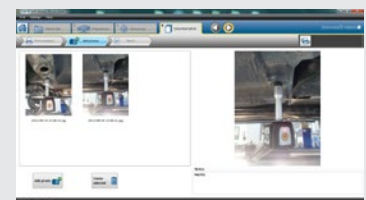
- 3** Print out the measuring results and you are finished!



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.



Vision2 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 VISION2 SOFTWARE SYSTEM REQUIREMENTS ARE:

- Operating system: Microsoft® Windows XP SP3 Professional or newer
- Internet (recommended)
- For more detailed system requirements please contact your sales representative.
- For complete instructions and additional information such as vehicle set up and vehicle measuring, suitable adapters, accessories, clamp charts, etc., see the Vision2 Instruction Manual.

# WE CARE ABOUT BODY SHOPS

EXCELLENCE. INNOVATION. PASSION.

## CAR-O-LINER ACADEMY

We are a competence development partner for the automotive industry, our main objective is to improve quality, safety and profitability for body shops.

### THE TRAINING YOU NEED



RIGHT PERSON



RIGHT TIME



RIGHT COURSE



RIGHT COMPLEXITY

We enhance our customer's abilities by identifying the real competence and development needed. Offering solutions to meet these needs and accelerate the business growth.

### WE OFFER THE SOLUTION



WE IMPLEMENT THE TRAINING



WE FIX THE ROOT OF THE PROBLEMS



WE MEASURE RESULTS

## CUSTOMER SUPPORT

The Car-O-Liner Group headquarters is located in Gothenburg, Sweden, with subsidiaries located in Norway, Germany, France, United Kingdom, Italy, China, India, United States, Thailand and the Middle East.

Wherever you are, Car-O-Liner can provide customers with product information, training, support or data subscription/renewal.

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