

REXCQN CS2+ is specialized to capture the deep and obscure areas of even complex objects, resulting in highly accurate 3D representations of the real-world.



High Performance 6.0 Mega Pixel Wide CCD Cameras

Equipped with high-end CCD cameras for precise & accurate measurements.



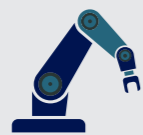
Synchronized 3-Axis Turn Table (TA-300+)

Additional third axis provides versatile scanning angles for complex objects.



Fully Automated Scanning Solution "ezScan8"

Upgraded SW for faster and more convenient scanning experience.



New API for Customized Integration

Provides more versatility for inspection, measurement, and more especially via integration with robotic arms.

Specification

Section	Description	Remark
Camera	2.3 / 6.0 MP	
Scanning Area (FOV)	100, 200, 400 mm (2.3 MP) / 125, 250, 500 mm (6.0MP)	
Point Spacing	0.036 ~ 0.185 (mm)	
Dimension	315 x 270 x 80 (mm)	Scanner Only
Weight	2.3 (kg)	Scanner Only
Interface	USB 3.0 B TYPE	
Moving Stage	3-Axis Movement	2 Rotate / 1 Swing
Pay Load	10 kg	
Dimension	325 X 305 X 240 (mm)	W x D x H (mm)
Weight	18.5 kg	
Interface	USB 2.0 B TYPE	

The Rexcan series provide high quality and easy to use 3D scanners to industry.



Simple and completely automated



For small and detail rich objects



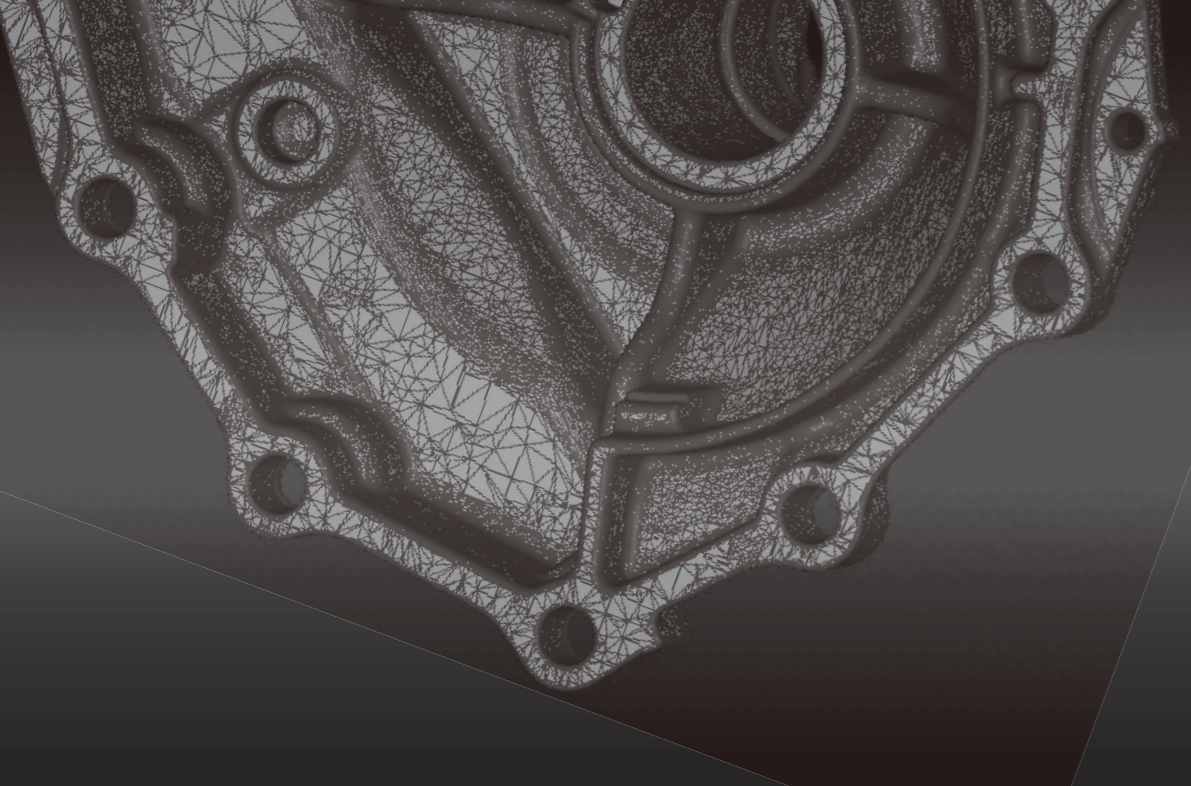
Our most flexible, most precise

- ✓ High Performance 6.0 Mega Pixel Wide CCD Cameras
- ✓ Synchronized 3-Axis Turn Table (TA-300+)
- ✓ Fully Automated Scanning Solution "ezScan8"
- ✓ New API for Customized Integration



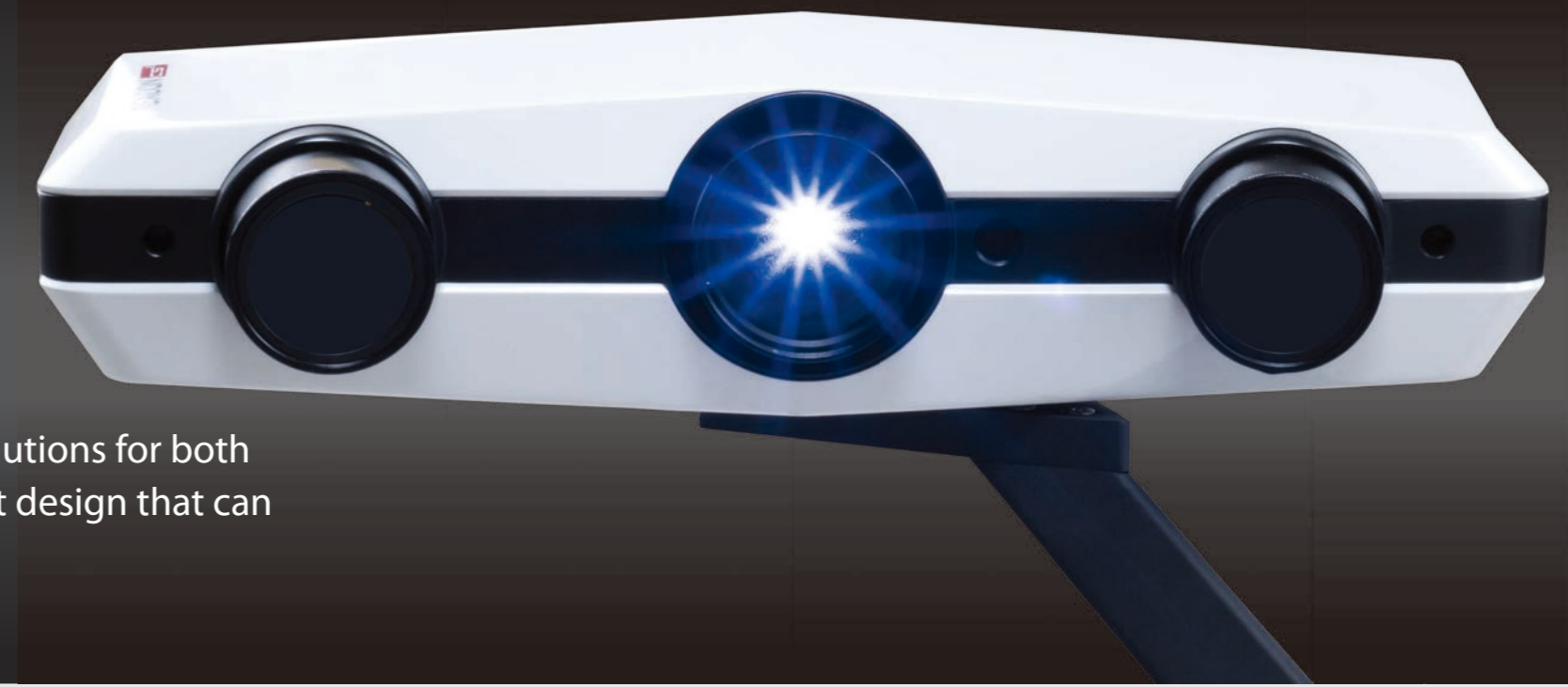
Open Up
Your New Third Dimension



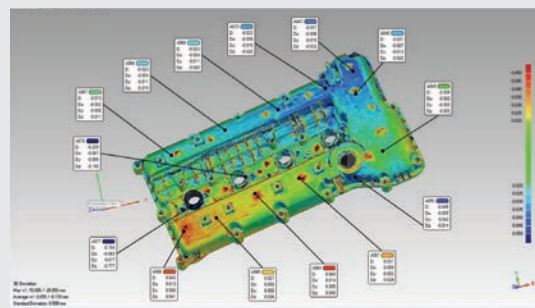


What's New about REXCON CS2+

The Rexcan CS2+ from Solutionix provides fully automated 3D scanning solutions for both medium and large sized objects. The Rexcan CS2+ comes in sleek, compact design that can fit on your desk to maximize workspace utilization.



First Choice for All Applications



Quality Inspection

Compare measurements to the nominal CAD model and create color coded deviation maps of the errors in 3D.

Application Field

- > 3D correction & improvement
- > Turbine blade inspection
- > Geometric dimensioning and tolerancing (GD&T)

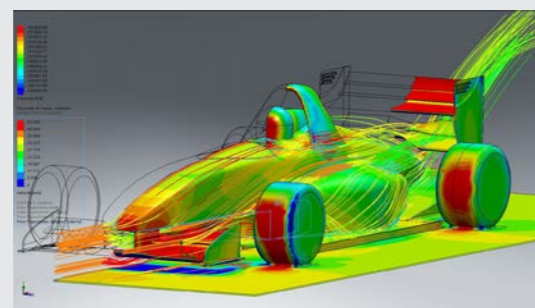


Reverse Engineering

Reverse engineer free-form surfaces and geometric objects from the point cloud data back to a variety of native CAD formats.

Application Field

- > 2D Drawing / 3D Modeling
- > Styling & design modifications / system engineering
- > Tooling design / manufacturing

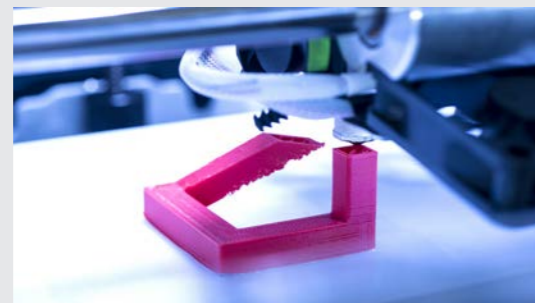


Analysis

Identify and find solutions to any potential structural & functional defect by modeling the system or product in a virtual environment.

Application Field

- > Digital simulation
- > Computational fluid dynamic (CFD)
- > Finite element analysis (FEA)



Scan to 3D Printing

Produce detailed pieces in various materials with seamless data integration.

Application Field

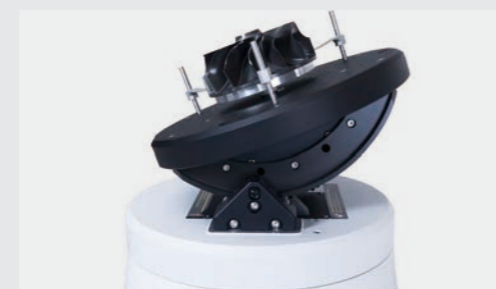
- > Rapid prototyping
- > Direct manufacturing
- > Healthcare / entertainment

The Rexcan CS2+ adopts a twin-camera mechanism used in high-grade industrial 3D scanners. Also, the Rexcan CS2+ provides users with automatic scanning & measurement functions with predefined paths that are loaded for fully automated scanning processes.



One-click calibration process

Once the calibration panel is installed, clicking the calibration wizard will guide you through an automated calibration process. Confusing and time consuming calibrations are no more. Now users can experience one-click automatic calibration easy enough for anyone in the office.



Boosted scanning speed with the all-new 3-axis turntable(TA-300+).

Solutionix's exclusive TA-300+ 3-axis turntable combined with the tilted scanning sensor can effectively capture areas beyond the pre-existing limits. It can scan objects up to 10kg and because of the additional third axis, overall scan time is reduced by 40%.



Flexible scanning area with customized angles

The Rexcan CS2+ comes in two models providing a field of view (FOV) from 100mm - 500mm. In addition, the detachable scan head enables users to scan even larger objects.

The Rexcan CS2+ works hand-in-hand with the all new ezScan8 software. Its intuitive user interface combined with enhanced automatic scan functions allow anyone to operate the scanner without difficulty.

Intelligent automatic scanning solution - Next 10 View

Users can complete the scanning process quickly and easily. ezScan8 and Rexcan CS2+ automatically generate up to 10 scanning paths while detecting unscanned areas.



Enhanced scan data processing

ezScan8 provides superior scan data processing with an improved algorithm capable of handling larger scan data. The new Clipping View function gives more accurate and refined data, and the intuitive 3-Point align function makes scan data integration simple and convenient.

Versatility for industrial use

The Rexcan CS2+ gives users increased versatility for rigorous industrial scanning needs. Large or small, easy or complex, the Rexcan CS2+ can be used with its TA-300+ turntable or it can be integrated to use with robotic arms or tripods for enhanced flexibility.