

ScanPRO - 3D Scanners... "Bringing Your World into 3D Precision"



The most innovative organizations – from automotive, industrial machinery, aerospace and defence to consumer electronics, – rely on 3D scanning throughout the product design and development process. The 3D scanner obtains a high precision of mapping, which is crucial in reverse engineering, as well as ensures the possibility of realistic scanning of colour texture, necessary in digitalization.

Applications of 3D Scanners

- Quality control
- Reverse engineering
- Rapid prototyping
- Additive manufacturing/3D printing
- 3D modeling
- Production process automation
- Visualization
- Digitalization
- Virtual data storage

We are offering an enormous product range in 3D Scanners from 1.5 MP to 20MP, the accuracy starts from 18 microns with various measuring fields of view and Scanning Technologies (light source) to cover industry needs.



ScanPRO Green stereo

ScanPRO Green Stereo is the most accurate 3D scanner for industrial applications such as quality control and reverse engineering.

Resolution- 6, 12, 20MP, Green LED
Accuracy - From 18µm

ScanPRO – Q is a universal 3D scanner that combines guaranteed metrological precision of measurement for quality control, reverse engineering and digitalization, with the possibility of realistic texture color mapping.

Resolution- 1.3, 6, 12MP, White/green/blue LED
Accuracy - From 40µm



ScanPRO -Q

ScanPRO Robotized is a 3D scanner designed and adapted for integration with cobots and industrial robots. The special design of the scanning head with a stereoscopic camera system ensures its lightness. The device guarantees the highest degree of usage comfort, Application mobility and simplicity of hardware integration combined with the highest resolution available on the market (20MP) guarantees high quality of scanned data.

Resolution- 12 & 20MP, White/green LED
Accuracy - From 22µm



ScanPRO Robotized



ScanPRO Colour stereo

ScanPRO Color Stereo is currently the one and Only Scanner with such a high scanning resolution, which at the same time obtains information about the color of the

object. For digitalization with realistic colour, Create digital twin in color.

Resolution- 6, 12, 20MP, White LED
Accuracy - From 21µm



ScanPRO CobotScan

ScanPRO CobotScan is an automated solution for obtaining precise documentation of any physical detail and quality inspection by comparing the actual object to a reference CAD model. The device uses advanced

optics and a powerful LED technology light source, combined with ease of cobot programming, for a smooth and effective measurement process.

Resolution- 5MP, White LED
Accuracy - From 18µm



ScanPRO – Q Station automatic, precise measurement of the object.

Resolution- 6MP, White/green/blue LED
Accuracy – from 31µm

ScanPRO – Q Station is a comprehensive solution for quality control of geometrically complex objects. Thanks to the integration of the optical 3D scanner with the tilt-rotary table, the device allows



Additional Accessories

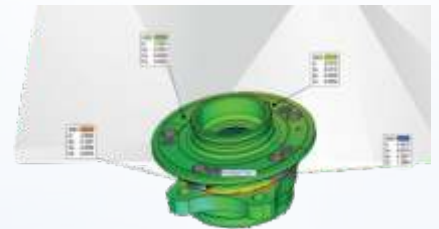
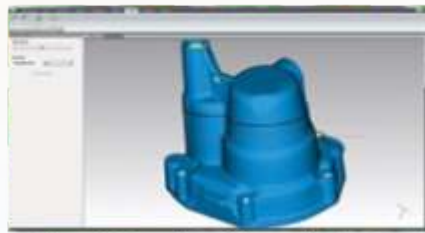
- Automated rotary stages
- Touch probe
- Easy & fast change of measurement volume with exchangeable lenses

ScanPRO - Soft:

"Advanced Software for Editing and Analyzing Measurement Data."

The ScanPRO - Soft software supplied with the system has been equipped with the basic tools needed for COMPARE, MAKE QUALITY CONTROL, MEASURE Based on the customer's needs, for quality control, such as a colour deviation map of the measured object and CAD reference, distance measurement, and both area and volume measurements. The user can also create a cross-section of the object and calculate partial or full perimeter of the structure. These features give the user the possibility to create a quality control report (PDF file) directly from ScanPRO-Soft software. There is no need to make additional investments to perform basic geometry analysis. SHOW YOUR RESULTS ON THE OBJECT This is the newest

function for users of ScanPRO 3D Scanners. It enables us to project points or lines and give the possibility to display a deviation map directly on the scanned object. This allows to mark places that need special attention from your staff during the ongoing production process. Sharing your remarks has never been easier - this time they simply appear on your object Merge multiple scans effortlessly to create complete and detailed 3D models of larger objects or complex geometries, Save time without compromising quality, thanks to our scanner's rapid scanning capabilities, Achieve accuracy down to the finest details, ensuring your 3D models faithfully represent the original objects.



Key Features

- I. Vibration detection
- II. Cutting to plane
- III. Visualization of measurement volume
- IV. Measurement results in Live-view
- V. Align coordinate system
- VI. Scan to print
- VII. New functions for texturing
- VIII. Control of new devices
 - a. rotary stage
 - b. robot and cobot
 - c. photogrammetry system
 - d. working with many scanners in the same tim

File formats - Import /Export

Cloud of points	*.txt, *.ply, *.wrl, *.obj, *.chbin
Triangle mesh	*.stl, *.ply, *.obj
CAD	*.iges

BAKER GAUGES INDIA PRIVATE LIMITED

An ISO 9001 : 2015 Company

Head Office-Pune

Tel. : (020) 66250600

Mob. : 7447449621

E-mail : bakerhip@bakergauges.com

Tel. : (020) 66093800

Mob. : 7447438251

E-mail : bakerbmi@bakergauges.com

www.bakergauges.com

New Delhi
Chandigarh
Ludhiana
Kolkata
Jamshedpur
Ahmedabad
Indore
Rajkot
Mumbai
Nashik
Aurangabad
Kolhapur
Hyderabad
Bengaluru
Chennai
Coimbatore

Tel. (011) 23328186

Tel. (0172) 4631027

Tel. (033) 22156387

Tel. (079) 27540665

Tel. (022) 43471701/2/3

Tel. (080) 22217336

Tel. (044) 28140963

Mob. 9810160313

Mob. 9815601027

Mob. 7447444098

Mob. 9810160313

Mob. 7447444978

Mob. 7435041140

Mob. 7447438257

Mob. 7435041142

Mob. 7400199752

Mob. 7447438256

Mob. 9561777668

Mob. 9823058400

Mob. 7447443439

Mob. 9845182965

Mob. 7550055245

Mob. 9884480963

Email: bakerdlh@bakergauges.com

Email: bakerchd@bakergauges.com

Email: bakerldh@bakergauges.com

Email: bakercal@bakergauges.com

Email: bakerjsr@bakergauges.com

Email: bakerbar@bakergauges.com

Email: bakermp@bakergauges.com

Email: bakerrajkot@bakergauges.com

Email: bakermum@bakergauges.com

Email: baker_nsk@bakergauges.com

Email: bakeraur@bakergauges.com

Email: bakersales1@bakergauges.com

Email: bakerhyd@bakergauges.com

Email: bakerblr@bakergauges.com

Email: bakerche@bakergauges.com

Email: bakerche@bakergauges.com



SCAN FOR PRODUCT CATALOGUE 2023