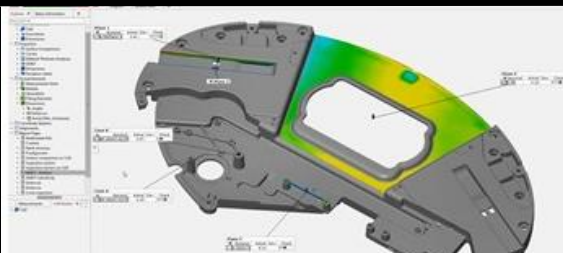
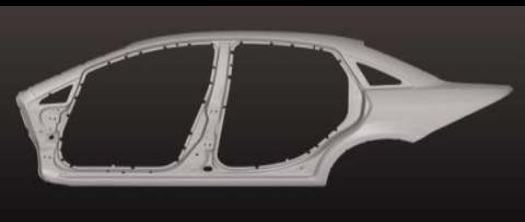
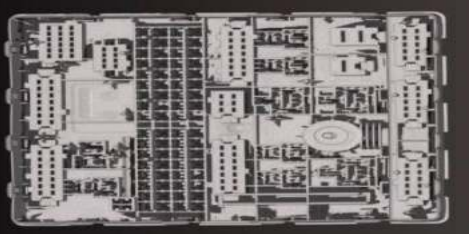




Company Profile



About Triple Infotech



Business Partner



- Started in 2015 as a 3D Scanning Services company
- Signed up as a Zeiss Sales Partner in 2016 for South India
- Presently a 20 member team growing at 40 percent YOY
- Offer complete metrology solution for Rapid Data Acquisition, Precision Measurement, Comprehension Inspection and Reverse Engineering Services
- Based out of Bangalore, operating across South India
- Have Invested in One Laser Scanner, Two Blue Light Scanners



3D Scanning Services Offered

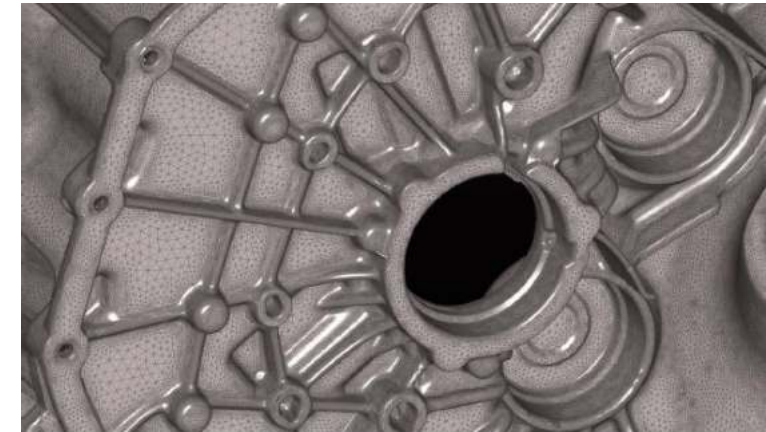
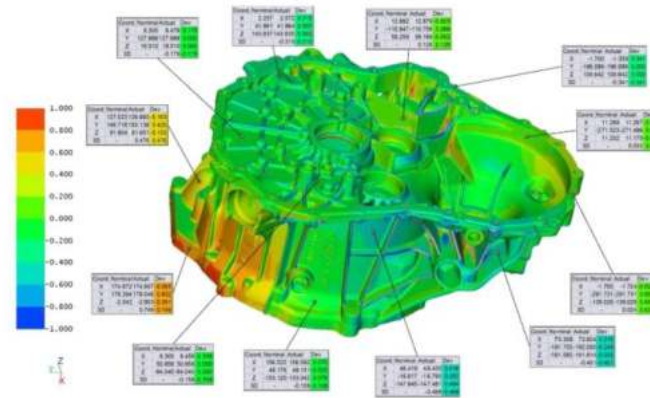


Business Partner

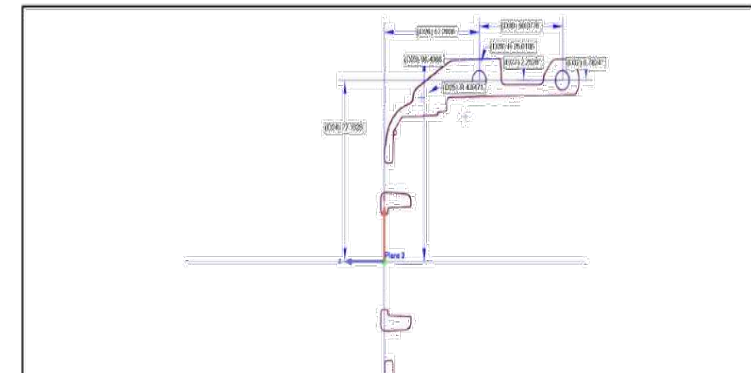


3D scanning is the process of capturing digital information about the shape of an object with equipment that uses light to measure. 3D scanning can capture very small objects and all the way up to full-size airplanes

- 100% Part Inspections
- First article inspection
- GD&T
- CAD to Part comparison
- Shrinkage and Warpage
- Spring back compensation
- Edge and feature analysis
- Virtual wall thickness analysis
- Wear Control
- Benchmarking



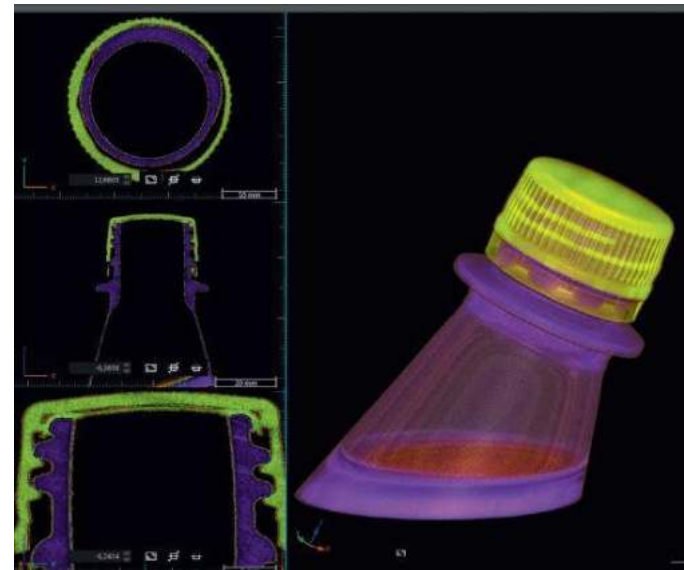
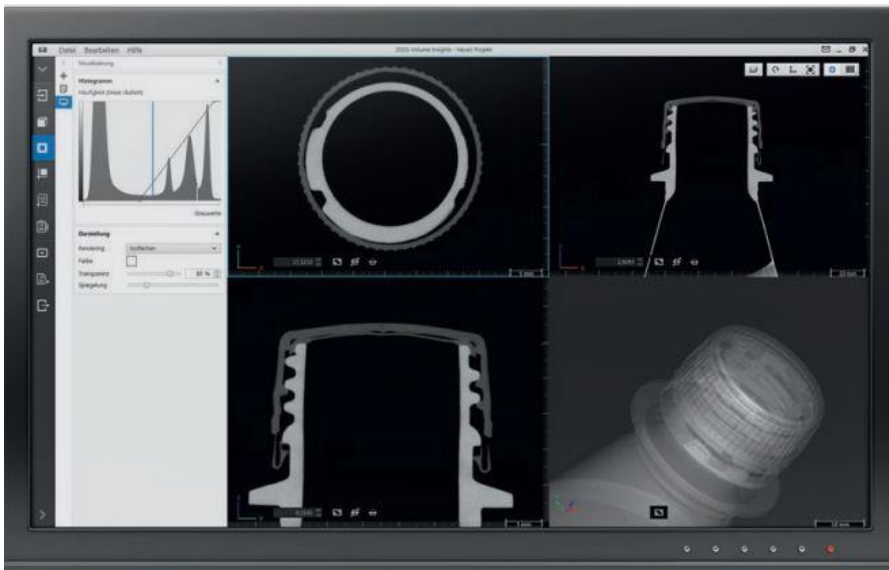
2D Dimension View: Section L-L



Name	Measured	Nominal	Dev	Status	Upper Tol.	Lower Tol.
D30	50.0776	50.0000	0.0776	PASS	0.2000	-0.2000
D32	0.7824	0.7000	0.0824	PASS	1.0000	-1.0000

Benefits of CT technology

- CTs work without destroying the workpiece. The properties of the specimen are not changed by the testing process.
- Nothing is hidden from CTs. Components can be captured completely, including inner structures and irregularities in the material.
- CTs work quickly. All selected characteristics can be evaluated together with just a single scan. A lot of information can be obtained in a comparatively short period of time.
- CTs capture data in 3D, meaning they provide more information than ultrasound or 2D X-ray scans.



ZEISS METROTOM 800 130kV/225kV



- **RAPID PROTOTYPING** or 3D Printing is a technique used to quickly fabricate a model, a physical part or assembly using the CAD data.
- We deliver on 3D Printing projects by partnering with leading design/engineering center with multiple high-end 3D printers at their disposal.
- SLA, FDM, SLS and DMLS services can be offered



GOM 3D Scanning Solutions



Business Partner



Structured Light / Fringe Projection
Complex geometries



Tracked Scanning / Probing
Large volume scanning & probing



Handheld Laser Scanning
Simple at-site application

GOM 3D Scanning Solutions



Business Partner



One series, two versions

	ATOS Q 8M	ATOS Q 12M
Light source	LED	LED
Points per scan	8 million	12 million
Measuring area [mm ²]	100 × 70 – 500 × 370	100 × 70 – 500 × 370
Point distance [mm]	0.04 – 0.15	0.03 – 0.12
Working distance [mm]	490	
Weight	approx. 4 kg	
Dimensions	approx. 340 mm x 240 mm x 83 mm	
Cable length	10 m fiber optic cable	
Operating system	Windows 10	
Measuring volumes	100, 170, 270, 350, 500	



Technical Data of T-Scan hawk







Scan mode	Standard	Single line	Fine
Laser source	7 red crosses	Red line	5 blue lines
Resolution	0.05 mm	0.05 mm	0.01 mm
Scanning area	Up to 550 mm x 600 mm		
Detailed scan	Supported		
Deep pockets	Supported		
Built-in photogrammetry	Supported		
Accuracy	0.02mm + 0.035mm/m		
High-precision GOM scalebar	with optional internal photogrammetry		
Laser class (IEC 60825-1:2014)	Class 2M (eye-safe)		
Software	GOM Inspect Suite		

Applications



Business Partner



	Technology	Application field	Markers	Data quality	Accuracy	Part size	Set up time and transportability
T-SCAN 10/20 	Optical tracker system 	Large volume scanning & probing	NO	Medium	Low/medium	Up to 20m ³	<ul style="list-style-type: none"> • Medium Set Up • Big Boxes for Transport (2 big cases + Laptop)
T-SCAN hawk 	Handheld Laser Scanning 	Simple at-site application	YES	Medium-High	Medium	Up to 2m ³	<ul style="list-style-type: none"> • Fast Set Up • Easy Transport (1 small Case + laptop)
ATOS Q/GOM Scan 1 	Structured Light / Fringe Projection 	Complex geometries	Not needed, Can be used	Very high	High	Up to 1m ³	<ul style="list-style-type: none"> • Fast Set Up • Easy Transport (1 Case + laptop)

Contact us



Business Partner



Triple Infotech



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