TD14-EN r.0-TriScan

Clean design, slim shape and optimal size for more simplicity and comfort.

With only 26 cm long and 228 gr weight, TriScan's shape ergonomically fits the operators hand and patient's mouth.
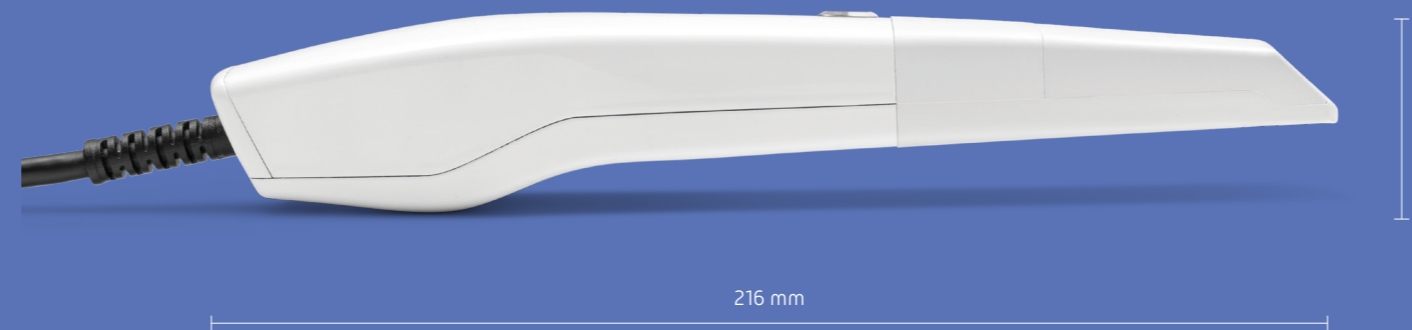
APPLICATIONS

FIELD	INDICATIONS
Prosthodontics	Resin inlays/onlays
	Zirconia copings
	Single-tooth restorations in lithium disilicate,zirconia,all ceramic
	Frameworks and fixed partial dentures in zirconia
	Single implant crowns
	Implant bridges
	Implant supported bars
	Posts and cores
	Partial removable dentures
	Digital smile design
	Obturators
Implantology	Guided implant surgery
	Diagnosis and treatment planning
Orthodontics	Aligners
	Custom made devices

PARAMETER	UNIT	VALUE
Scanning technology	–	Staring scanner
Full jaw scanning time	min	<2
Accuracy	µm	10
Field of View	mm	18x16
Depth of field	mm	0 to 15
Data format	–	STL, PLY, PTY
Dimensions (LxWxH)	mm	216x40x36
Weight	gr	228
Tip size (LxWxH)	mm	83x19x15
Rated voltage	V	AC 100-240
Rated current	A	1.5
Rated Frequency	Hz	50-60

COMPONENT	REQUIREMENTS
Operating System	Windows 7* 64 bit, Windows10* 64 bit
CPU	i7-7700k (3.6GHz; quad-core; 8-thread) or above
RAM Memory	DDR4 2400 16G or above
Hard disk	SSD 240G or above
Graphic card	GTX 1060 , GTX 1660 Ti, RTX 2060 or RTX 3060 (Memory 6 Gb or above)
Graphic drivers version	NVIDIA* Driver 512 – WHQL Version or above
USB Port	3.0 type A

36 mm

216 mm

TRISCAN
Intraoral scanner
The entry point to digital workflow in dentistry

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ENJOY ALL THE ADVANTAGES OF DIGITAL IMPRESSIONS (DI)

NO MORE PLASTER MODELS:
Digital impressions optimize workflow while improving the patient experience: unlike plaster impressions which are unwieldly, difficult to store, non-reproducible and fragile, digital impressions are inalterable and invariable; they are also duplicable and digitally transferable.

DI ARE:
• less invasive for patient
• more reliable and precise
• enable immediate feedback on the teeth preparations.
• easy to store for a long time

REDUCE CHAIR TIME FOR PATIENTS

SMART SCANNING TECHNOLOGY

During the acquisition process the AI (Artificial Intelligence) detects and cancels interferences to prevent invalid data in the final scan.

Upper scan – Lower Scan – Full scan – File Export

Integrate TriScan to all Trident digital imaging products using Deep-View imaging suite, an intuitive, full-featured software with advanced features to acquire and manage HD images. For maximum adaptability, the BRIDGE tool allows Deep-View to interface a large number of commercially available management programs.

Discover a world of images

SCAN CONTROL BUTTON

Concentrate on the scanning process and forget about touching the screen or clicking the mouse.
The highly sensitive button allows you to obtain complete scans quickly and efficiently.

INTEGRATED WORK FLOW

TriScan allows the detection of all details of the occlusal surfaces with greater accuracy; the dentogingival information captured with TriScan will be added to the bone tissue information obtained by X-VIEW CBCT, allowing clinicians to integrate different file formats into a single model that can be used for surgical, prosthetic and orthodontic planning.
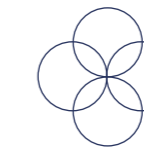
CBCT 3D DICOM IMAGES	IMAGE OVERLAPPING IMPORT STL+DICOM FILE	DESIGN	PRODUCE
STL DI			

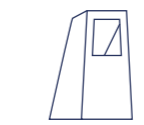## TRISCAN UNIQUE FEATURES

RELIABLE, QUICK AND COMFORTABLE ACQUISITION PROCESS
• TriScan captures a full-arch scan in just 2 min
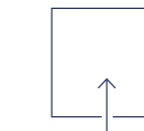• Scanning speed of up to 30 FPS
• Quickly rescan of missed areas

REALISTIC COLOR IMPRESSIONS
Full-color 1:1 teeth and gums digital impressions.

THREE TIPS AVAILABLE
35°, 45°and 55° removable and autoclavable tips to easily reach all the points of the oral cavity to get impressions of the teeth and gums from as many angles as possible.

FILE DATA EXPORT
Supports STL, PLY and PTY file export formats and is compatible with third-party design software.

BETTER COMMUNICATION TOOL
Clinician and dental technician can assess the quality of the impression in real-time. Dentist can show the patient their problem areas and use the image to develop a treatment or surgical plan.

TRUENESS AND PRECISION WITHIN HAND'S REACH

tr:dent