DScan 5

PERFECT COMBINATION BETWEEN
TECHNOLOGY AND DESIGN.

100%
MADE IN ITALY
WITH A GLOBAL
VISION.

egsolutions

Located in Bologna, Italy,
EGS constantly invest in research & development
to consolidate its worldwide recognition
in 3D technology Cand solutions – 3D scanners,
CAD design and integration with CAM modules.
The company started in 2002 as a spin-off of a research
and development department of an Italian automotive company.
EGS provide high quality solutions to customers around the
world through innovation
while offering products, solutions and services
manufactured in-house in Italy.

The future shines bright.

DScan 5 IS THE COMBINATION BETWEEN TECHNOLOGY AND DESIGN.

A new 3D scanner series that provides an open work station which can handle any articulator model through an accessory kit while offering all in one scanning of impression triple tray, bite, dental model, occlusion information, multi-die and implant case.

DScan 5 is an easily operated high precision, two axes 3D scanner based on structured light technology that fulfills the needs of both clinics and dental labs.

DScan 5 FEATURES

THE DATA PRODUCED BY DScan 5 CAN BE EXPORTED IN THE MOST COMMON FORMATS TO BE READ BY ANY CAD/CAM SYSTEM.

OPEN DESIGN

Thanks to the new open configuration, dimensions are no longer a problem.

DScan 5 allows the scanning of any impression and dental model with or without articulator, which can be placed quickly and easily.

RELIABLE

DScan 5 and its acquisition software have been completely developed in-house allowing perfect compatibility and great reliability.

QUICK AND INTUITIVE

Even the most complex multiple acquisitions can be easily performed, thanks to a fast and intuitive interface.

PLUG & PLAY

Supplied with DentalCad software, the proprietary software of EGS and an integrated PC, DScan 5 is completely Plug & Play.
Only a monitor and a mouse are required to use the scanner.

High level performance.

DScan 5 GUARANTEES MAXIMUM PRECISION AND ACCURACY.

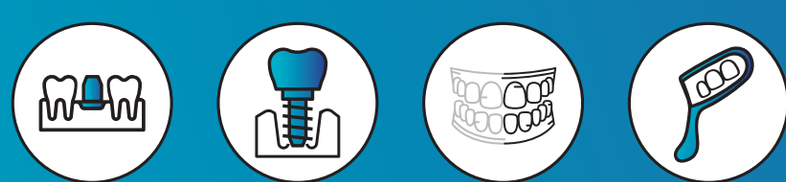
DScan 5 guarantees maximum precision and accuracy up to 10 microns, acquiring even the smallest details thoroughly and allowing extremely faithful reconstructions and powerful point cloud management.

DScan 5 presents high quality electronic and mechanical components for greater reliability, speed and efficiency and a completely open system that offers the possibility of importing and exporting data in standard formats (STL, PLY, OBJ, ASC) that can be used by any CAD / CAM software.

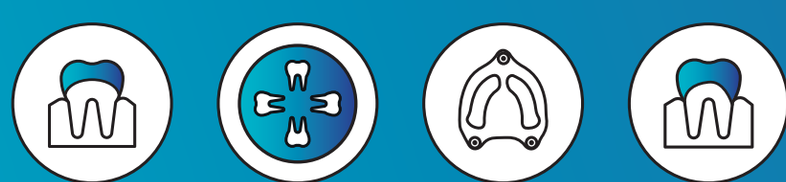
Thanks to the sensitive and high-precision cameras with USB 3.0 interface, capable of capturing at the speed of 25 fps, and to the other latest generation internal components, DScan 5 achieves 40% higher performance than the previous version.

WHAT CAN I DO?

USERS MAY PERSONALIZE THE ACQUISITION STRATEGIES AND PARAMETERS OR USE THE SPECIFIC ACQUISITION STRATEGIES OF THE SCANNER PROVIDED TO BE OPTIMIZED FOR THE CAD SOFTWARE REQUIREMENTS.



ABUTMENT | IMPLANT | QUADRANT | TRIPLE TRAY



WAX UP | MULTI DIE | VERTICULATOR | PROVISIONAL

MODELS IN OCCLUSION

ORTHODONTIC MODEL

MODELS FOR PARTIAL FRAMEWORK

MODELS FOR DENTURE

REMOVABLE GUM

RAW MODEL

PREPARED MODEL

ANTAGONIST

BITE

IMPRESSION

Complete scanning strategies.

**DISCOVER THE SMART ACQUISITION:
FREE YOUR EXPERIENCE TO COMPLETELY
MANAGE SCANNINGS, REGISTRATIONS AND IMPORTS.**

Do you prefer a guided work flow
or a free scan mode?

DScan 5 offers you a wide range of possibilities
and the total freedom to choose your
favorite scanning strategy.

Track the relative position of each tooth
with the in-place scan strategy or
accurately scan multiple items simultaneously
with the 5-position multi-die strategy or
work in fast coping.

Selective scanning of gums, abutments,
bridges, antagonists, wax-ups, impressions,
implants and bites is possible and easily performed.

ACCESSORIES

GET THE MOST FROM YOUR SOLUTION!

DScan 5 CAN BE IMPLEMENTED WITH
THE SELF-LOCKING PLATE
FOR MODELS AND THE IMPRESSION
SCANNING KIT FOR COMPLETE
MANAGEMENT OF THE DIGITAL WORKFLOW.

ARTICULATOR

DScan 5 HAS BEEN DESIGNED TO ALLOW THE DIRECT SCANNING OF DENTAL MODELS KEPT IN ARTICULATION BY A LARGE NUMBER OF ARTICULATORS ON THE MARKET.
THE ARTICULATOR CAN BE POSITIONED IN A EASY AND FAST WAY THROUGH THE USE OF THE SPECIFIC KIT TO REPRODUCE THE DESIRED ORIENTATION OF THE OCCLUSION.

Choose your color.

EGS OFFERS THE POSSIBILITY OF COMPLETE HARDWARE AND SOFTWARE CUSTOMIZATION TO MEET ANY SPECIFIC TECHNICAL REQUEST.

Focusing on adaptability EGS offers a selection of colors to choose from.

DScan 5 is available in white or black, both with a matte finish, and in a special Mondrian version with a glossy finish.

MONDRIAN EDITION

PRIMARY COLORS TAKE THE ESSENCE OF **DScan 5 Mondrian Edition.**
AN INNOVATIVE 3D SCANNER INSPIRED BY PIET MONDRIAN'S PAINTINGS THAT HIGHLIGHTS THE UNION OF DESIGN AND TECHNOLOGY.
A STYLIZED RESOURCE FOR ANY DENTAL CLINIC AND DENTAL LABORATORY!

FEATURES

TECHNICAL SPECIFICATIONS

£D SCANNING TECHNOLOGY	**Structured Light**
CAMERA RESOLUTION	**1.3 megapixel USB 3.0**
LIGHT SOURCE	**LED, 100 ANSI-lumen, blue light**
ROTARY PLAN	**2-axis movement (rotation, inclination)**
3D SCAN AREA (WxDxH)	**90 x 80 x 55 mm**
ACCURACY	0.005 mm
INPUT DATA FORMAT	**STL, ASC, PLY, OBJ**
OUTPUT DATA FORMAT	**STL, ASC, PLY, OBJ**
DIMENSION (WxDxH)	**275 x 465 x 450 mm**
WEIGHT	**19 Kg**
MAINS CONNECTION	**100/240 Vac**
AVAILABLE COLOURS	**White, Black, Mondrian Edition**

FEATURES

SCAN OPTIONS	Impression, triple tray, bite, antagonist, wax-up, gum, implant and multidie.
MAXIMUM RELIABILITY	High quality mechanical and electronic components.
COMPACT SIZE (INTEGRATED PC)	Thanks to its small size and weight, DScan 5 can be used in any laboratory or studio.
CUSTOMIZED CONFIGURATION	The user is able to completely customize the scanning strategies and modeling options.
OPEN SYSTEM	Data can be exported in open formats, which can be read using any CAD / CAM system.
PERPETUAL LICENSE	The software license is permanent without mandatory annual costs.
UPDATE AND SUPPORT	Software maintenance is not mandatory but is available upon request.

THE INTEGRATED PC HAS THE FOLLOWING CHARACTERISTICS

CPU Intel i7 7700 3.4 Ghz

GPU
NVIDIA GT 1030 2GB DDR3

HARD DISK SSD 1TB SATA

MEMORY 32GB RAM 2400 Mhz DDR4

INPUT\OUTPUT 1 HDMI, 1 DVI-D, 1 DisplayPort, 6 USB 3.0, Ethernet 10/100/1000 Mbps, WIFI 802.11 a\b\g\n\ac

OPERATING SYSTEM Windows 10 Pro License 64bit

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USING
#ShineWithDScan5