



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 and solutions – 3D scanners, CAD  
design and integration with CAM modules. From  
May 2020 EGS is part of Yndetech srl group, a  
company operating in the digital  
domain and producing manufactured products for  
the dental sector.

EGS works alongside Yndetech to provide high  
quality solutions to customers  
around the world through innovation while offering  
products, solutions and services  
manufactured in-house and in Italy.

**The future shines bright.**



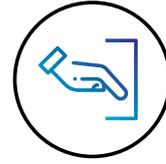
**DScan 5 IS THE COMBINATION BETWEEN TECHNOLOGY AND DESIGN.**

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 5 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



PROVISIONAL



**MODELS  
IN OCCLUSION**



**ORTHODONTIC  
MODEL**



**MODELS FOR PARTIAL  
FRAMEWORK**



**MODELS FOR  
DENTURE**



**REMOVABLE  
GUM**



**RAW MODELS**



**PREPARED  
MODELS**



**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.

WHITE  
EDITION



# FEATURES

## TECHNICAL SPECIFICATIONS

|                        |   |
|------------------------|---|
| 3D 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                            |

## FEATURES

|                              |  |
|------------------------------|--|
| SCAN OPTIONS                 | Impression, triple tray, bite, antagonist, wax-up, gum, implant and multidié.          |
| 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 10700K 3.8 Ghz          | MEMORY 32GB RAM   |
| GPU NVIDIA GeForce GT 1030 2GB GDDR5 | INPUT\OUTPUT 2 HDMI, 1 DVI-D, 2 USB 3.0, 2 USB 2.0 Eth 10/100/1000 Mbps |
| HARD DISK SSD 1TB SATA               | OPERATING SYSTEM Windows 10 Pro License 64bit                           |



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