

High level performance.

DS Mizar GUARANTEES MAXIMUM PRECISION AND ACCURACY.

DS Mizar 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.

DS Mizar 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, DS Mizar 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



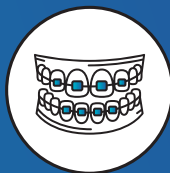
VERTICULATOR



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?

DS Mizar 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!

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



ARTICULATOR

DS Mizar 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.

DS Mizar 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 DS Mizar 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

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	0.010 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 multidi.
MAXIMUM RELIABILITY	High quality mechanical and electronic components.
COMPACT SIZE (INTEGRATED PC)	Thanks to its small size and weight, DS Mizar 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 3.6 Ghz	MEMORY 16GB RAM 2400 MHz DDR4
GPU NVIDIA GT 730 2GB DDR3	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
HARD DISK SSD 512GB SATA	OPERATING SYSTEM Windows 10 64 bit



EGS SRL

VIA DEL TAPPEZZIERE, 4
40138 BOLOGNA | ITALY

T. +39 051 19 93 01 01
egs-info@egsolutions.com
www.egsolutions.com

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EGSolutions



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SHARE WITH US
USING

#ShineWithDSMizar