CYBERGLOBE

The world's first 3D scanner that guarantees seamless, complete and automated capture of objects from any angle at the touch of a button thanks to its patented, transparent object carrier.

Quality made in Germany

CYBERGLOBE | 103102

Maximum precision for uncompromising attention to detail

We use state-of-the-art camera technology that captures even the smallest details with breathtaking accuracy. Whether tiny structures on a work of art or complex gearing in technical components - the CYBERGLOBE does not miss a single detail.

Seamless perfection

Probably the most outstanding feature of the CYBERGLOBE is its ability to capture objects from all sides without any gaps and without having to move or to fix the object. This not only saves time and effort, but also guarantees consistently high-quality images. Even objects that would move if repositioned can be digitised for the first time.

No time-consuming post-processing

In contrast to conventional 3D scanners, which often require time-consuming post-processing of textures and models, the CYBERGLOBE delivers immediately usable results. The captured data is right away ready for import into other applications for further processing.

Versatility for limitless fields of application

The CYBERGLOBE has been specially developed for the cultural heritage sector. Whether you want to digitise a work of art, create a model for 3D printing or examine an object for scientific purposes - the CYBERGLOBE is your reliable partner.

Mobile & compact

Thanks to its compact design and low weight, you can set up and dismantle the system quickly. It can thus be used at any location. Whether it's in the storage facilities, the workshop or directly in the exhibition.

Integrated light

The CYBERGLOBE is equipped with integrated lighting system which, together with the parabolic reflector, ensures homogeneous illumination of the object. This effectively prevents shadows and reflections, resulting in high-precision images. The lighting is gentle on the object and UV and infrared-free.

Flexible and movable objects

Thanks to its specially patented object support, the CYBERGLOBE is the only device on the market that can also digitise flexible and movable objects.

Gentle on materials

Material-friendly scanning process thanks to non-contact scanning and gentle lighting.

High-resolution textures

The CYBERGLOBE captures textures in high resolution at 300 ppi. Thanks to the perfect illumination, the textures are captured without shadows, resulting in an exceptional level of detail.

Features

Intuitive operation for effortless use - completely automated

Developed to make 3D capture as easy as possible: the intuitive user interface enables effortless operation, even for inexperienced users. Thanks to the automated scanning process, objects can be digitised quickly and efficiently.

Fully automatic

Thanks to the fully automatic functionality, all you have to do is place the object, press the button and leave the rest to the CYBERGLOBE. Over 250 high-resolution images are produced in this time. At the highest quality level, up to 7 renderings can be created per hour.

Options

Quality lens | 103163

Medium focal length for capturing medium-sized objects with approx. 600 ppi

Object support | 103164

White, glossy with 30 cm diameter and variable spacers

Needle object holder | 103165

Marker set | 103166

For small objects up to 10 cm in diameter incl. macro color calibration chart

Holder for needled objects | 103167

Up to 3 mm needle diameter incl. macro color calibration chart

Stretcher bar for object support | 103168

Outer diameter of 46 cm

New cover for object support | 103169

Diameter of 46 cm

Laser centring device | 103170

Matting spray | 103171

For shiny objects (200ml)

Transport plastic box | 103162

Lockable plastic box for transport and storage incl. customised hard foam for the system

Technical Data

Sensor	80-megapixel camera
Illumination	4 x LED illumination (UV/IR-free)
Resolution	Texture resolution 300 ppi
Object size	400 x 400 x 400 mm
Scanning time	from 5 minutes
Throughput	70 - 120 objets / day
File formats	obj / stl
Software	Device control & 3D modelling software
Weight	approx. 45kg

Subject to technical changes
BL02

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