Digital Solutions by merz DENTAL
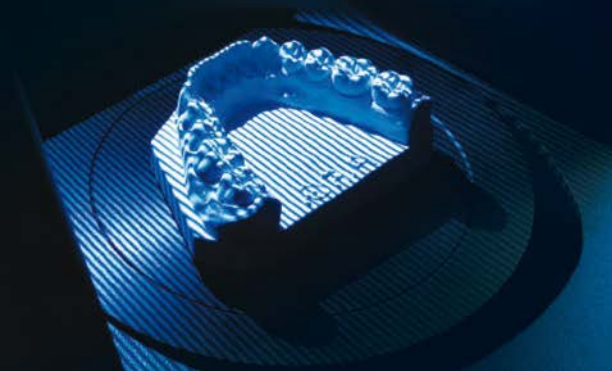
DScan 4
50% faster

Dental scanner with innovative Blue LED technology, which enables fast and very precise scanning. Especially developed for scanning all kinds of dental models and impressions. We offer you a powerful and reliable system, easy and intuitive to use.

Dental scanner with innovative Blue-LED technology

✔ **High-precision**
digitisation of models in jaw relation

✔ **Versatile**
(eg. for scanning impressions, plaster models, 3D printed models)

✔ **MultiDie and in-place function**
and freely configurable recording methods (whole jaw - also in occlusion, single crown, crowns and bridges, antagonists, wax-ups)
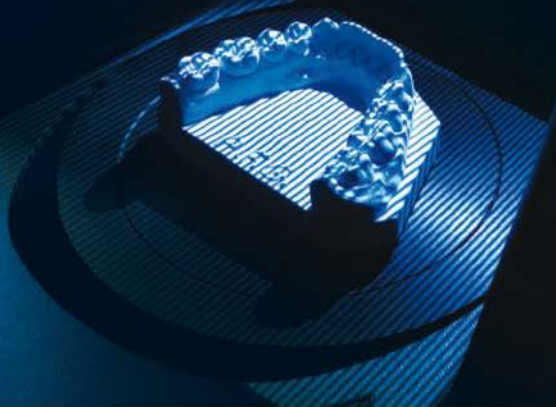
BDS approved

Specification	
3D scanning technology	structured BLUE light
camera resolution	2 cameras, 1.3 megapixels
light source	LED, 100 ANS/-Lumen- blue light (30.000 h)
rotary stage	2-axis movement (rotation, tilting)
3D scan area (W/H/D)	90 mm x 80 mm x 55 mm
accuracy	0,010 mm
acquisition speed	25 fps (frames per second)
output formats	STL, PLY, OBJ, ASC
interface	USB 3.0
dimensions (W/H/D):	275 mm x 450 mm x 465 mm
weight	16 kg
3D scanning of the verticator	yes
CPU	6. Generation Intel "Core" Serie i7 6700 3.4 Ghz
GPU	Nvidia "GeForce" GT 730 1GB DDR3
SSD	256 GB SATA
storage	16 GB RAM DDR3. Memory Speed 1600 Mhz
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 – 64 bit

Power	
model (upper/lower)	45 sec
singleDie	45 sec
multiDie	45 sec

Digital Solutions *by*

merz DENTAL

With Blue-LED-Technology
DScan 4

BDS approved

✔ **Precise, Fast & Reliable**
Up to 0.015 mm accuracy thanks to its very high quality mechanical and electronical components of the highest quality and power.

✔ **Indications**
Scanning of impressions, plaster models, 3D printed models, multiDie and in-place function and freely configurable recording method (complete jaw - also in occlusion, single crowns, crowns and bridges, antagonists, wax-ups)

✔ **Easy Handling and Operating** – Plug&Play PC integrated!
A high-performance PC of the latest generation is already integrated in the scanner. A DentalCAD software (exocad based) is also included. Only a mouse, keyboard and monitor are required to use the scanner.

✔ **Open System**
Datasets can be exported in open formats that can be read using any CAD/CAM system (STL, PLY, OBJ, ASC).

✔ **Automatic Calibration**
Thanks to special technology, the calibration of the axes and optics run in <5 minutes automatically.

✔ **Compact Size**
Thanks to the reduced size and low weight the scanner fits into every lab.

www.merz-dental.de

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