



Vinyl has been especially designed for achieving a maximum of productivity in the daily laboratory work. From now on it is up to you to decide whether you wish to prepare a monochrome or a color texture scan. Decide for yourself which scanning mode suits your working style best. Decide for yourself whether you wish to scan with an open or closed lid. Save considerable time with the fully automated z-axis. The Vinyl automatically guides the object to be scanned into the measuring field. Screwing on spacer plates, which is known from other manufacturers as well as the earlier smart optics models, is now dispensed with. Time which you can use far better elsewhere. Additionally the handling becomes significantly easier. By using a touch screen the most important entries can be made directly on the scanner.

In addition to time-savings, smart optics has also placed a special emphasis on user comfort. With its 180 degree opening the Vinyl offers considerable working space and the improved motor control allows smooth and fast motor travel.

The large system plate of the scanner directly accommodates all established articulators. Condyle-related scanning of articulated jaw models with articulators from Amann Girrbach Artex®, Baumann® Artist/arTO®, GAMMA® Reference, SAM® Axiosplit, WhipMix Denar® and KaVo Protar® is ensured. Articulators from other manufacturers are scanned with average values. The slip-free rubber mat on the system plate provides for stable standing, which is slightly reminiscent of a turntable, hence inspiring the name „Vinyl“. You will also be delighted by the extended scope of delivery. A multiDie adapter as well as an impression holder for Triple Tray® impression scan are inclusive parts of the accessories from now on. The high quality and harmonious design round off the Vinyl.

Dimension (B x H x T) mm

455 x 430 x 420

Measurement field (X x Y x Z) mm

80 x 60 x 85

Accuracy (according to ISO 12836)

6 µm

Measurement Time Complete Jaw

Scanning: 16 sec
Postprocessing: 13 sec
Total: 29 sec

Measurement Time Single Tooth

Scanning: 25 sec
Postprocessing: 9 sec
Total: 34 sec

Measurement Time 3-unit bridge

Scanning: 33 sec
Postprocessing: 22 sec
Total: 55 sec

Weight

23 kg

Articulator scan**Fixator scan****multiCase****secondDie****multiDie****Texture scan (monochrom)****Texture scan (color)****Triple Tray® impression scan****Fully automated z-axis**

Touch Screen

System Tool Drawer

Power Supply Voltage

100 – 240 VAC, 50/60 Hz

Interfaces

1x USB

Housing color

black / white

Windows 7/8/10 64-Bit

Compatibility with exocad® DentalCAD

System requirements

Minimum

Windows 7 64-BIT

Quadcore CPU, i3

8 GB RAM

USB 2.0 Port

Graphics card with 1.024 MB RAM

Approx. 40 – 100 GB free hard disk space

Recommended

Windows 10 64-BIT

Quadcore CPU, i7

16 GB RAM

USB 2.0/3.0 Port

Graphics card with 2.056 MB RAM

Approx. 80 – 150 GB free hard disk space

Scope of delivery

1x Vinyl

1x Object holder

1x multiDie adapter

1x Triple Tray® impression holder

1x 3D calibrations model

1x Mains cable

1x USB cable

1x CD with dental Scan, calibration data and operating manual (PDF)