



smart optics mini

HARDWARE

- ✓ Removable rotary swivel unit
- ✓ 3D sensor unit (projector & camera)
- ✓ Housing made of high quality material

FEATURES

- ✓ Articulator scan
- 🔑 Impression scan
- 🔑 Triple Tray® impression scan
- ✓ secondDie
- 🔑 multiDie/multiDie+
- 🔑 multiCase project
- ✓ Orthodontic project
- 🔑 smart optics Comfort Mode

SCOPE OF DELIVERY

- smart optics mini
- 3D calibration model
- Universal plate
- External power supply
- USB cable
- Adhesive pads
- Installation data carrier with dental Scan, calibration data, Manual

THE SMART OPTICS MINI - AFFORDABLE & PRACTICAL

With the smart optics mini we offer a cost-effective but high-quality extension of our portfolio alongside our popular high-performance scanners. The scanner with its modern design does not have a base plate at all, which is an advantage for installation and cleaning. The new fully automatic 3D desktop scanner made in Germany is the quietest 3D scanner on the market and can precisely perform the common dental indications. It is ideal for all newcomers and professionals who want simple, fast and accurate in-house production at favourable conditions.

The open design allows the user to act quickly in the scan area. By removing the rotary swivel unit, the smart optics mini makes room for articulators. Even large articulators fit in effortlessly. The range of functions of the smart optics mini can be expanded by up to three modules if required. Whatever you choose, the 2-year warranty and its accuracy of $< 6 \mu\text{m}$ remain the same. Of course, the smart optics mini also has an interface to both exocad DentalCAD® and OnyxCeph³™ software.



The smart optics Comfort Mode, which is a paid extension, greatly expands the range of functions of the smart optics mini. Included are a speed update, which makes the scanner roundabout 25% faster as well as several features that make the scanning even more comfortable.

Beside the smart optics Comfort Mode, two additional extensions are available. The multiDie extension is essential for the multiDie and multiDie+ presentation as well as the multiCase project definition, i.e. scanning individual segments from different cases. The impression holder is an extension for scanning full impressions and Triple Tray® impressions.



DEVICE INFORMATION

Cameras	1
Camera pixels	1.6 MP
Projectors	1
Accuracy	6 µm (acc. ISO 12836)
Light source	Blue light LED
Measuring	Stripe light triangulation
Measurement field	80 × 60 × 85 mm
Size (W × H × D)	337 × 347 × 322 mm
Weight	9.5 kg
Connections	1 × USB 1 × Power
Power supply	100 - 240 VAC, 50/60 Hz
Warranty	24 months

SMART OPTICS COMFORT MODE

- 25% Speed update
- Autoarticulation
- Color/monochrome texture scan
- Additional scan
- Correction scan
- Automatic cutting plane
- Free workflow "independDent Mode"
- Show a verification step after each scan
- Bright & Dark Mode
- Cache folder
- Universal project

MEASURING

	Complete jaw	incl. Speed update
Scan		14 sec
Matching		15 sec
Total		29 sec
	Single tooth	incl. Speed update
Scan		30 sec
Matching		12 sec
Total		42 sec
	3-unit bridge	incl. Speed update
Scan		38 sec
Matching		18 sec
Total		56 sec

#smartoptics #pureScanning #workScanBalance

smart optics Sensortechnik GmbH
Lise-Meitner-Allee 10 | 44801 Bochum | Germany

Tel: +49 234 29828-0 | www.smartoptics.de | info@smartoptics.de

f @ t y / smartopticsDE