Introducing Primescan

Engineered for superior performance

By Dentsply Sirona

Innovation requires commitment to ambition. Primescan sets new standards in dental technology, making scanning more accurate, faster and easier than ever. It is engineered to enable all kind of treatments, from single tooth to full arch. Primescan produces highly accurate images and allows for fast scanning consolidating 50,000 images per second.

The new patented “High Frequency Contrast Analysis” delivers perfect sharpness and an outstanding accuracy. With Primescan, intraoral scanning delivers excellent results like never before.

Accuracy

The new Primescan gives not just one new point of view but one million. The innovative Smart Pixel Sensing processes more than 1,000,000 3D points per second, producing photorealistic and highly accurate data. In fact, Primescan as the most accurate intraoral scanner on the market.

Its dynamic depth scan technology enables perfect sharpness and outstanding precision, even at a measuring depth up to 20 mm – a crucial advantage for deeper-lying indications.

What you see is what you get

Due to Primescan’s ability to scan at an incredible data density, it delivers complete 3D-structures of everything in its field of view – right from the very first scan.

Usability

Enjoy the freedom of scanning. Primescan allows you to start scanning right away. It offers continuous self-scanning for fog-free scanning – which means you’re always ready to go. Steep angles? Hard-to-access areas? Shiny materials? An easy job for Primescan. Thanks to the increased field of view, you’ll be able to visualise larger areas with less sweeps and immediate precision. The excellent scan results are instantly displayed on the touchscreen of the new Acquisition Centre.

Take control of infection:

Three different sleeves guarantee that you’ll fulfill your practice needs as well as all general hygiene requirements. Choose from stainless steel sleeves with either sapphire glass or as an autoclavable option. Single-use disposable sleeves are also available.

Speed

Accelerate the process. Primescan’s unique technology allows for easy capturing and quicker processing of more data in higher resolution. Intelligent processing in Primescan ensures optimum interaction with the software by transmitting exactly the data the software needs to proceed. The result: complete 3D-scans are displayed immediately, no matter how fast you scan.

Enhance your connectivity

Thanks to seamless, validated and open data transfer options, laboratories and other partners receive high-resolution models in an instant. With Primescan, you benefit from the freedom to make the best choices of workflows for you and your patients.

The New Acquisition Center

A workstation designed for modern dentistry and with the dentist in mind. It comes with a touchpad and 16:9 wide-format movable touchscreen, offering you a highly intuitive and ergonomic work platform.

Your benefits at a glance

- Touchscreen and touchpad for highly convenient, intuitive use
- Kinematics for perfect ergonomic positioning
- Smart Hygiene concept for fast and easy disinfection
- Mobility concept for full mobility with battery buffer of more than 46 minutes

The best choice for your practice – Primescan meets your needs with two individual software configurations:

1. Primescan AC with Connect Software
   - Supports data transfer options to your preferred partners
   - Secure and encrypted data transfer through Connect Case Centre Inbox
   - Easy upgradability to full chairside workflow

2. CEREC Primescan AC with CEREC Software
   - Supports full chairside workflows for single-visit dentistry
   - Flexible data export options
   - Automated workflow thanks to Artificial Intelligence

References

Mehl et al, Accuracy studies at University of Zurich, Int J Comput Dent. (publishing date: March 2019)

Learn more at: dentsplysirona.com/primescan

MEMOSIL® 2 - the expert for special indications

By Kulzer

MEMOSIL 2 is a transparent A-silicone for special indications. Its transparency allows optical control when positioning aids (e.g. X-ray pellets). Light curing is possible for filling and fissure materials as well as all general hygiene requirements.

The material is best suited for use as an occlusal stamp for light-curing posterior composites, an anterior stamp for Provisionals, fillings and veneers, a fixation material for x-ray measuring spheres when planning implants and a transfer matrix for bracket constructions on the plaster model.

With MEMOSIL 2, you and dental technicians benefit from:
- Optical control: MEMOSIL 2’s transparency facilitates the positioning of aids. It also allows light curing of composite and fillings through the material.
- More hygiene: Processing of MEMOSIL 2 is clean and hygienic due to its direct and sterile application.
- Increased treatment comfort for your patients. Thanks to its short time in mouth and the neutral taste and odour, patients are more at ease.

An additional benefit for you is the time saving, since it can be applied directly into the patient’s mouth.