Meet the 3Shape D900 Scanner - the “cream of the crop”

By 3Shape

Earlier this year, 3Shape presented its latest technology wonder for 3D scanning in dental labs - the 3Shape D900 with color scanning capabilities. The new scanner combines advanced technologies with a strong focus on speed and accuracy - while providing new features for productive workflows and optimal user experience.

More cameras – more speed

The 3Shape D900 has 4 cameras, rather than the 2-camera platform found in previous 3Shape scanner models. While 3Shape’s 2-camera D700 series and D800 series are already considered among the world’s fastest, the D900 takes scanning speed even further. With more cameras on board, the D900 can capture 3D data even faster. For comparison, the scan-time for a single die is 15 seconds on the D900, and 35 seconds on the D700 and D800.

The 3Shape D900 combines texture scanning and RealColor™ scanning technology that allows technicians to capture their color guidance markings directly off the model, and bring these into the design process. For some labs, the specific color of the gypsum is a significant element in their work, and the D900 lets them duplicate this in CAD/CAM. As one dental technician stated while examining a D900 scan result on the screen... “It’s like holding the model in your hand.”

New Multi-Die scan technology for high productivity

The 4 cameras on the D900 facilitate a new high-speed Multi-Die technology that captures and registers all dies on the re-designed multi-die plate using a single scan sweep, without mechanical processes to position the dies. This feature, combined with the many new technologies in the D900, make it the perfect choice for large, high volume production-oriented labs that are working with all types of dental indications. See the video - Using color scans when designing Removable Partial.

See texture color scans created by the D9000 and learn how they can be used in the labs. Video - Dental System 2015 - “Removal Partial Design.” You can see it at youtube.com/3Shape or scan the QR code.

Accuracy matters

Every day, labs all over the world are using 3Shape’s high-end and high resolution scanners, such as the D800 and D900, to produce implant bars and bridges of an exceptional quality that few others can deliver.

Like 3Shape’s D800 scanner, the D900 employs 5.0 MP cameras to facilitate the exacting accuracy required for production of high quality implant bars and bridges or other complex restorations. However, with the D900, 3Shape is taking accuracy a few steps further. The scanner is constructed using a thermally stable special metal alloy to ensure consistent accuracy even in demanding lab environments, and the scanner’s optical system has been optimized for specifice-color-free capture.

Captures textures and colors

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