

[compiled by Noah Levine]

EVERY YEAR the bulk of the products showcased in the *Dental Products Report*® Top 100 are chosen by you, the readers, but this list features products chosen by the editorial staff. The products on this list were all featured on the cover of an issue or tagged as Editor's Choice selections inside the publication. Each was singled out as a significant innovation at the time it debuted, and although some of them did not earn the same volume of web traffic and reader response inquiries as the other 90 products showcased in this issue, they are still deserving of recognition as notable new technologies and solutions to help dental professionals provide top-quality care now and in the future.



[3D X-RAY SYSTEM]

PORTRAY®

PORTRAY is a nanotechnology-based 3D imaging system offering high-resolution x-ray image quality. The 3D intraoral system produces a stationary, high-resolution x-ray 3D image using carbon nanotube-based x-ray sources. The images provide an x-ray stack allowing for layer-by-layer virtual dissection of the oral cavity, with depth information and removal of structural overlap, as well as a loupe feature for concentrated 3D reconstructions. An articulating arm enables the x-ray source to be placed in any configuration. AI. PORTRAY's software connects with existing practice management systems.

Surround® Medical Systems
919-424-4900 | surroundmedical.com
CIRCLE RS #08



[INJECTION DELIVERY]

CALAJECT™

CALAJECT helps clinicians deliver pain-free injections. The system controls the flow rate, ensuring a smooth, gentle stream of anesthesia. The light pen grip provides a relaxed working position and good finger support shows where the needle can be kept perfectly still in situ. The unit's touch screen displays actual injection pressure. The acoustic signal indicates the flow rate and the unit is operated by a separate foot controller. Automatic aspiration occurs when pressure on the foot pedal is eased. The system can be used with standard dental needles and cartridges.

Directa USA
800-537-8765 | directausa.com
CIRCLE RS #09



[DUST SHIELD BUR]

Abbott-Robinson™ Dust Shield Bur

Buffalo Dental's new Abbott-Robinson™ Dust Shield Burs are said to block grit from entering the handpiece. The Dust Shield Burs are designed to protect handpieces from dust and premature malfunctions for a longer life span. Abbott-Robinson Dust Shield Burs are said to block 95% of grit from entering the handpiece, expanding the life span of the handpiece and saving the dental practice money. These burs will be available through order from preferred dealers.

Buffalo Dental
800-828-0203 | buffalodental.com
CIRCLE RS #10



[RESIN CEMENT]

Predicta® Bioactive Cement

Predicta Bioactive Cement is designed to fill and seal microgaps and prevent microleakage by encouraging hydroxyapatite. It is a self-adhesive, self-etching, dual-cure resin cement indicated for luting crowns, bridges, inlays, onlays, and posts. It is said to offer outstanding bond strengths across a range of indications without the need for primers, and contains 10-methacryloyloxydecyl dihydrogen phosphate for strong bonds to zirconia. Predicta Bioactive Cement is formulated for optimal viscosity and consistency to allow easy handling and cleanup. It is highly radiopaque with a low film thickness for complete seating of restorations with no postoperative sensitivity.

Parkell
800-243-7446 | parkell.com
CIRCLE RS #11