

New Laboratory Products

NSK recently unveiled the **Ultimate XL**, a brushless electric handpiece designed for dental laboratory use. The Ultimate XL components include a tabletop power console, compact brushless handpiece, foot control and handpiece stand. According to the manufacturer, the handpiece shape has been redesigned for ergonomics and functionality reducing hand fatigue. Compared to the Z500 the new compact handpiece is 6 mm shorter and 3g lighter. The handpiece speed ranges from 1,000 to 50,000 rpm with a reported maximum torque of 6 Ncm. The control unit features a large variable-speed dial, digital rpm display window, audible function check, maintenance mode setting, error code display function, auto cruise function and available to connect with an air turbine adapter. The Ultimate XL also comes in a knee, bench top tower, or floor type foot control systems and has an optional torque micromotor. The Ultimate XL is available for \$1,440.00 (suggested retail) and \$909.35 (government).



For additional information contact:

Manufacturer:
 NSK America Corporation
 (888) 675-1675,
 (847) 843-7664,
 (847) 843-7622 FAX, or
www.nskamerica.com.

Distributor:
 Brasseler USA
 (800) 841-4522 or
 (888) 610-1937 FAX.

Ivoclar Vivadent recently introduced **IPS e.max CAD-on**, a CAD/CAM based fabrication technique which uses IPS e.max CAD as a veneering structure and IPS e.max ZirCAD ceramics as a framework. During the fabrication process, IPS e.max CAD Crystall./Connect fusion glass ceramic is vibrated between the veneering structure and framework using the Ivomix vibrator then fused together during a firing cycle in a porcelain oven. According to the manufacturer, IPS e.max CAD-on technique allows users to fabricate up to a four unit tooth or implant supported bridge. Users need to attend a one-day training course to learn proper technique. The IPS e.max CAD-on technique requires the following equipment: Ivomix vibrator, Programat S1 sintering oven, and one of Ivoclar's new model furnaces: P300, P500, P700, EP3000 or EP5000.



Item	Order Number	Suggested Retail Price	Government Price
IPS e.max CAD Crystall./Connect fusion glass ceramic (shades 1-9)	634606-634614	\$86.00	\$73.00
Ivomix vibrator	633343BU	\$330.00	\$295.00
Programat S1	03894	\$14,995.00	\$14,075.60
Programat P300	628520EU	\$4,100.00	\$3,695.12
Programat P500	613838EU	\$5,199.00	\$4,466.00
Programat P700	613812EU	\$7,199.00	\$6,058.14
Programat EP3000	607895EU	\$8,595.00	\$7,215.12
Programat EP5000	03890	\$10,195.00	\$8,666.24
IPS e.max CAD-on Training Course	N/A	\$199.00	\$199.00

For additional information contact Ivoclar Vivadent, Inc. at:

(800) 533-6825,
 (716) 691-0010,
 (716) 691-2285 FAX, or
www.ivoclarvivadent.com.