

DALE DENTAL

PRODUCT TECH SPECS

Everest Dental CAD/CAM System

MANUFACTURER – Kavo Dental, www.kavo.com

YEAR LAUNCHED – 2003

AVAILABLE AT DALE DENTAL SINCE – 2007

CERTIFICATIONS – Dale Dental is a Certified Kavo Everest Cad/Cam Laboratory

DESCRIPTION – The Kavo Everest system uses many unique and innovative technologies and techniques to create coping and bridge frameworks that represent the latest in both fit and fabrication capabilities. Starting with the Everest scanner where stripe light technology is employed to precisely read preparation designs through 210 projections from 15 different angles. The scanned data is represented in the Everest software where robust design capabilities allow for the input of preferences from margin design to contours, connection sizes and spacers. From there, the unique five-axis milling machine finishes a broad range of materials using both wet and supported milling to achieve a precisely fitting dental restorations. Kavo Everest restorations exhibit uniform milling and razor-thin margins requiring little manual finishing and reduced chance for material fatigue and stress.

Learn more at www.DaleDental.com/Products

RESTORATION SELECTOR SMARTCHART

Indications		
Single Unit Yes	Bridges Any bridge configurations up to 47mm	Laminates No
Inlay/Onlay/Maryland Bridge Yes	Material Hard or Soft (green) Zirconia	Flexural Strength 1155 MPa (1200MPa hard zirconia)
Thickness Min. .5mm	Span Up to 47 mm (45mm hard)	Prep Type All ceramic
Coping Color Available in five shades No shading for hard zirconia	Translucency Medium	Cements Contact manufacturer for details
Turnaround 2 Day, 3 Day, 4 Day, 5 Day	Porcelain Type Contact manufacturer for specific details and compatibility	Trial Sizes Available at Dale Dental Yes

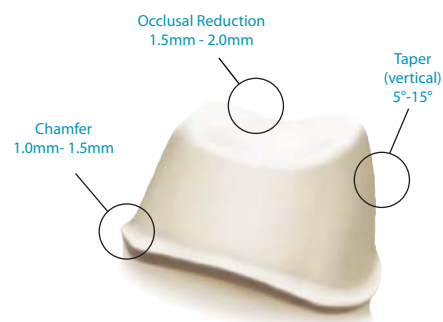
LABORATORY PREPARATION

Start with a model made from a class IV, or equivalent die stone. The model base should have a smooth bottom. All segments of the saw cut model have to be removable and secured against rotation. Working models must be pinned and cut with all sections removable. A coping of uniform thickness will be fabricated when model work is not sent with single unit cases. Bulk trim dies to reveal an accurate view of the finish line and mark the finish line.

Survey – Mount the working model on a survey table and establish that a path of insertion does exist with at least 3° of taper on all sides of each die. Bridge abutments must have taper in same plane.

Build-ups Severely prepped teeth should be built up.

Angulation Note proper angulation of prep area.



Model Prep

Stone Color – Light color stones such as white or buff work best and yield the most accurate result.

Stone Type – Type IV die stone or similar

Stone Expansion – Low

Block out – Do not block out

Margin – The die must only have a slightly ditched margin of less than 10°; Do not over ditch. Use a margin pencil to outline the finish line on the die(s).

Conditioner/Sealer – Do not apply conditioner or sealer

Die Spacer – Do not apply die spacer

Wax Ups – If specific design is in mind, send wax up and we can duplicate.

Articulator – Please include articulation for splint and bridge cases. An articulation is not necessary if the case can be hand set. If articulation is included the model must be removed from it. If case is difficult to articulate, please send bite registration.

Splints – If there are splints, the interdental space between the margins must be a minimum of 1 mm.

Packaging – Package dies separate from model to prevent damage while shipping; separate dies MUST be numbered.

Please note: Including other items such as study models, articulators, matrixes, and/or photographs could help us to create an improved framework design.

Do not send: Impressions



COMPLETING THE RX

- Write in your patients name and choose a turnaround time
- Indicate tooth numbers
- Select Kavo Everest from the list by checking the corresponding box
- Indicate the final restoration shade. This information will be used when the shaded materials become available from Dentsply Ceramco.
- Select Elite service level (optional)

ELITE LEVEL SERVICE – Elite Level Service for Kavo crowns and bridges gives your case priority status throughout the manufacturing process. Included in this are:

Enhanced Customer Service and Technical Support – Hallmarked by an even greater degree of customer interaction.

Priority Sorting Upon Receipt – Using Elite urgent stickers, this initial presort moves Elite cases into production first on that day.

Guaranteed Availability – Guaranteed capacity allocations on all machinery and resources.

Redundant Technical Checkpoints – Case attributes are observed frequently at various stages of production.

Additional outbound insurance – At no extra cost, this added benefit covers your articulators or other valuable items which may be included in your case.

Please see the Dale Dental Pricing Sheet for pricing details.

RECEIVING YOUR CASE – When you receive your coping or framework steam clean to make sure it is free of oil and being layering.

PORCELAIN TRIAL SIZES – We carry several trial-sized porcelains for you to complete your case with. Contact customer service at 888.GET.DALE (888.438.3253) for more information.

FINISHING NOTES – If corrections to the coping or framework are necessary, they should be carried out under irrigation with diamond instruments. Air abrade with aluminum oxide, 100-150µm at 3-3.5 bar of pressure. Follow with a cleaning by steam or ultrasonic bath

STRIPPING – Stripping copings and bridge frameworks can be completed with Hydrofluoric acid or Hydrofluoric acid substitute. This will remove applied porcelain and will not damage your frame.

If you have any questions or for more information please contact our technical service support at 888.GET.DALE (888.438.3253).

CLINICAL PREPARATION

If you need information for your dentist, please contact the system manufacturer or a Dale Dental customer service representative at 888.GET.DALE (888.438.3253).

THANK YOU FOR CHOOSING DALE DENTAL

Since 2000, Dale Dental has worked hard to earn your business and – more importantly – your trust. From the latest products to the best customer service, here are just a few of the ways we continue to be your resource for copings and bridge frameworks.

Secure & Non-competitive – We do not compete for your dentist clientele because we don't work with dentists. We are America's first dental lab exclusively for dental labs.

Experienced – Our specially trained technicians maintain an in-depth system knowledge and are committed to finishing cases that meet or exceed exacting manufacturer standards.

Consistent & Reliable – With an on-time delivery of over 99% and inbound and outbound email notifications sent daily with delivery tracking hyperlinks for each case, your assured of keeping your customers satisfied.

Informative & Progressive – Login to our website to see the status of your cases or provide feedback through on-line quality control cards that instantly display your feedback to the technicians responsible for your cases.

Certified – Dale Dental is the first outsourcing dental laboratory in the United States and among the first worldwide to obtain the ISO 9001:2008 certification. We are also a CDL laboratory and employ CDT technicians in many supervisory positions.

Friendly – You can always count on our welcoming, professional and well-informed staff to answer questions about the products and services we offer.

At Dale Dental, we know you have choices. And we're proud you've chosen us.

