

# DALE DENTAL

## PRODUCT TECH SPECS

### Etkon

**MANUFACTURER** – Etkon USA [www.etkonusa.com](http://www.etkonusa.com), 817.701.1181

**YEAR LAUNCHED** – 2005

**AVAILABLE AT DALE DENTAL SINCE** – 2005

**CERTIFICATIONS** – Dale Dental is a Certified Etkon Laboratory

**DESCRIPTION** – Intensive know-how exchange with dental technicians – this is the recipe for the success of the products and services of etkonUSA. CAD/CAM technology provided by etkon enables dental laboratories to increase their flexibility and economic efficiency. Quality, speed and demand-oriented order control lead to optimal profitability. The etkon scanner “es1” scans the surface of a preparation at top speed. The software application “et\_visual” allows you to quickly design a perfect framework. At the etkonUSA Central Milling and Training Center, crowns and bridges are manufactured in Zirconia Oxide and Titanium.

Learn more at [www.DaleDental.com](http://www.DaleDental.com)

### RESTORATION SELECTOR SMARTCHART

Indications		
<b>Single Unit</b> Yes*	<b>Bridges</b> up to 16-units**	<b>Laminates</b> Yes
<b>Inlay/Onlay</b> Yes***	<b>Material</b> Zirconia Titanium	<b>Flexural Strength</b> Zirconia - 1200 Mpa --
<b>Thickness</b>  .5mm	<b>Span</b> Zirconia - 75 mm length, 16 mm height Titanium - 75 mm length, 15 mm height	<b>Prep Type</b> All ceramic
<b>Coping Color</b> Natural White, Light, Medium, Dark or silver	<b>Translucency</b> Low	<b>Cements</b> Contact manufacturer for details
<b>Turnaround</b> 3 Day, 4 Day, 5 Day	<b>Porcelain Type</b> contact manufacturer for specific details and compatibility	<b>Porcelain Trial Sizes</b> <b>Available Dale Dental</b> Yes

\* regular, telescoping, and fully contoured

\*\* regular and cantilever from 2-16 units

\*\*\* inlay, onlay

### LABORATORY PREPARATION

Start with a model made from a class IV, or equivalent die stone. Bulk trim dies to reveal an accurate view of the finish line and mark the finish line. Begin gross reduction using a pear-shaped burr.

Bridges – Add connector information for proper alignment.

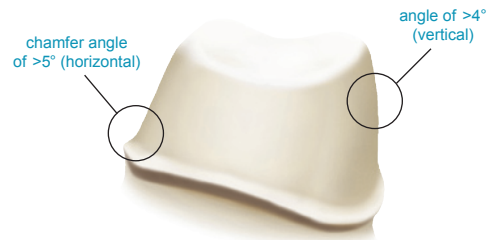
Laminate – The preparation may not extend more than 3mm on the palatal side and it may not extend more than 1mm beyond the mesial and distal contact points.

#### Build-ups

Severely prepped teeth can be built up during the design phase in the etkon software, it is not necessary to build up manual

#### Angulation

Note proper angulation of prep area.



#### Model Prep

**Stone Color** – Light color stones such as blue, green, pink, tan work best and yield the most accurate result. Do not use black.

**Stone Type** – Type IV die stone or similar

**Stone Expansion** – Low

**Block out** – Do not block out

**Margin** – The die must have a clearly defined ditched margin; use a red pencil to outline the finish line on the die(s).

**Conditioner/Sealer** – May apply conditioner or sealer.

**Die Spacer** – Do not use a die spacer.

**Wax Ups** – Wax ups can be used for fully contoured crowns and bridges.

**Articulator** – Please do not articulate the model(s) unless they are mounted. Model will need to be removed from articulator for scanning purposes.

**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 Etkon from the list by checking the corresponding box
- Indicate the material, (Zirconia Oxide or Titanium)
- Indicate the restoration type
- Select Elite service level (optional)

**ELITE LEVEL SERVICE** – Elite Level Service for Etkon 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 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 or sandblast with aluminum oxide 50 micron 30psi to make sure it is free of oil or debris.

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

**FINISHING NOTES** – Use a high speed hand piece with irrigation for finishing as heat can cause fracture. If you have any questions, contact our technical service at 888.GET.DALE (438.3253).

**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.*

