

Spray Opaque

An Easy and Consistent Technique Using

Spray Opakit System

"Normally I can spray the wash opaque onto about ten copings in 90 seconds!" - Kris Kersten

"Today's small lab owners are competing with larger labs through versatility and quality. Spray opaquing produces consistent quality and can increase profit due to labour and material savings."

"Of all the opaques there are - I like spray opaquing the best!" - Steven McGowen

"I spray opaque all my copings!" - Terry McQuiston

From the very small to the very large dental laboratory, we will all benefit from advancing our productivity by using the Spray Opakit System. For those who require speed and consistency to opaquing, this system is for you. Spray Opaquing allows the technician to spray an even coat with no gray areas showing, the end result we all strive for. There have been numerous positive results from working with this user-friendly system. Two to three days of using the system will enable the inexperienced technician to master the technique.

With the Spray Opaque System you will achieve:

- *Better opaque to metal bond with a thin even coat.
- *Thin layers that result in no puddling and, therefore, no lifting of the opaque allows more contact with metal and less entrapment of air.
- *A matte surface which will vitalize your porcelain by increasing the appearance of depth.
- *Little, if any, opaque lines will show at metal margins.
- *Superior modification at the gingival, occulsal, and interproximal.
- *No blunt opaque modifying lines due to the scattering of the opaque that is created from the airbrush.
- *Less firing of the opaques (just two firings including modifiers help control maturation and glassy appearance of opaque).
- *Less drying time due to the thin consistency of spraying.

The beauty with this system is that your first opaque bake can be sprayed the same shade quickly and efficiently. Using A1 with an orange modifier or an A3 opaque is recommended to spray your copings. Prior to beginning, submerge the sprayer and the siphon in a plastic case pan in water. This allows the moistened sprayer to pick up the opaque faster.



Wet & Dry liquid is specifically formulated to keep the ceramic material suspended long enough for spraying.



Spray Opakit Airbrush has been altered to in such a way to allow efficient spraying at low pressure.



Mixed to an approximate 1:1 Ratio. The spray will dry fast when exposed to air without clogging the airbrush

After your first bake, select the shades you need. Line up the copings and the shades in order including any modifiers for quick access. Your goal is to mask out any gray effect and develop the final shade of the opaque and at the same time you can spray on any modifiers. With the Spray Opakit System you receive a nice blend from opaque to modifier and eliminate any blunt lines.



All units can be sprayed one shade. You are looking for the materials to flow out with ease, go on wet, and soak into the framework. When the sheen is gone, spray again. Usually, the framework will still have a faint gray appearance after it is fired.



The object of your second bake is to mask out any gray areas, achieve the final color, and add any modifiers. Using the plastic stir rod you can easily add modifiers to your copings. Simply move the stir rod from the cervical up, depending on the area that needs modifying.

The technique of spraying opaque has been used for well over a decade. In the 1970's, Michael Kempton, F.I.S.D.C., from England was probably one of the first to create spray opaquing. His reasoning was that of quality and consistency first and material waste last. Consequently, opaque was wasted and without the proper liquid and using high air pressure there were problems. With re-manufacturing from Greg Paige and Kris Kerstein the best way to apply opaque is using a low-pressure dual action airbrush like the one found in the Spray Opakit. I believe spray opaquing has reached its highest plateau by way of the Spray Opakit System. The spray opaque technique gives the technician better control, greater depth, and quicker results than any contemporary method. Today we have to continue to strive for higher quality and professionalism and I believe the Spray Opakit System is truly for the present as well as for the future.

For further information contact Don Kolotyluk at **1-800-263-5221 or 604-270-7242.**

Kersten, Kris. "The multiple uses of low pressure dual action airbrushing." **Interview with Kris Kersten.** 1998

Paige, Gregory. "Spray opaquing: A new method for an old technique." **Perspectives in dental ceramics. Proceeding of the fourth international symposium on ceramics.** Quintessence Publishing, 1985

Paige, Gregory. "The spray opaque technique manual." **For use with the Spray Opakit.** 1998.

Technical Editor, "Spray Opaques for Speed and Consistency." **Modern Dental Lab,** 11 Nov., 1985 Vol.3, No. 9, pp.15.

Instructions by:

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Curriculum Vitae

Mr. Kolotyluk began his career as an *in house* Dental Technician in 1981 in the removable prosthetic field. In 1985 Don entered the dental technology program at Southern Illinois University where he graduated with High Honours. In 1988 he completed the Recognized Graduate exam, important for US National Board Certification. Three years later Don became a **Certified Dental Technician** specializing in *ceramics*. He became a **Registered Dental Technician** in Alberta in 1992 and worked extensively as a dental technician owning a small *quality* orientated full service dental laboratory. Mr. Kolotyluk is currently *Technical Representative* and *Facilitator* for **Dental-U.com.**

KIT CONTENTS:

\$ 546.00

24	x	Opaque Bottles	1	x	Regulator & hose
1	x	Siphon (Standard)	1	x	"Kersten" Spray Nozzle
1	x	Siphon (Wire Screen)	1	x	500 ml Bottle Liquid Concentrate
1	x	Mixing Tool	1	x	Working Instruction
1	x	Flat #1 Brush			