



initial IQ

'GC'



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TIME SAVED
MONEY EARNED

GC Initial™ IQ family of ceramic materials were designed for you, the dental professional. In an ever changing industry, GC America has developed revolutionary new materials to make dental laboratories more productive in less time, without compromising esthetics.

- Save time & money
- Increase production without compromising esthetics
- Shorten learning curve for less experienced technicians
- Increase consistency and predictability of work
- Whether you choose to press or layer, GC America offers materials that will cut your labor costs



What the Industry Leaders are Saying...

GC America never ceases to amaze me. I was very skeptical when receiving the one powder system. Now with hundreds of units completed, there is no Vita shade that we have not been able to master with the addition of GC Initial™ IQ Lustre Pastes. This has given us the ability to produce quality units in a fraction of the time. GC Initial IQ and lustre is better than peanut butter and jelly!

- **Bob Posey, CDT, Posey Dental Lab**

GC Initial IQ One Body, with less mixing of multiple porcelains, has production advantages. It also eliminates bad blend problems, eliminating "cut backs." GC Initial IQ One Body porcelain has a nice, natural translucency.

- **Jim Williams, CDT, Town and Country Dental Lab**

For the first time, with these innovative products, we can effortlessly adjust our porcelain technique concepts and, in the process, get maximum quality and profit. Fellow Technicians: I love these products!

- **Luke Kahng, CDT, LSK121 Oral Prosthetics**

Having used GC Initial IQ One Body layering ceramic for PFM's for a few months now, I can say as a ceramist it surpassed my expectations with its simplicity of use and complete flexibility in producing highly esthetic restorations. As a lab owner, I have increased my PFM unit production overall by 25% while drastically reducing inventory and waste. GC Initial IQ One Body is one of those rare products you wonder how you survived so long without it.

- **Ken Jones, CDT, New Creation Dental Studio**

We have used the GC Initial IQ press system for metal and zirconia since its introduction. Layering of multiple porcelains in the past was our only choice of developing the natural look that we all want to achieve. The time it took to add these additional layers has kept us from being productive and competitive. You can now press and then apply GC Initial IQ Lustre Paste along with body colors and special effects colors to now duplicate the natural tooth. Create restorations that have depth, intense colors where needed, accentuated cusps and various ridges, and shades that are consistently easy to achieve. Now you too can reproduce the natural tooth with the GC Initial IQ system.

- **Tim Tyndall, CDT, Creative Expressions**



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One Body, Layering-over-Metal

The new GC Initial™ IQ – One Body, Layering-over-Metal concept enables dental technicians to achieve simple and economical reproduction of standard Vita®† shades by application of a single layer. The secret: 4 new Body materials, which can be combined with the proven three-dimensional lustre pastes.

ONLY 4 CERAMICS FOR ALL 16 STANDARD SHADES!

The GC Initial IQ – One Body, Layering-over-Metal material, makes it possible for the first time to create esthetically impressive crown and bridgework in the 16 classic Vita®† shades with just 4 newly designed metal-ceramic base materials. The strength of the system is that in first instance you need to concentrate on the contouring and function of the restoration. After firing, the impressive color depth and translucency are achieved with the proven “paint by numbers” principle of the exclusive three-dimensional GC Initial IQ Lustre Pastes NF.

LOW POTENTIAL FOR ERROR - LOWER PRODUCTION COSTS

The new feldspar and leucite-reinforced metal-ceramic system impresses not only by its ease of handling, the low potential for error and esthetics, but the physical properties are equally impressive: for instance, low shrinkage and excellent homogeneity with high flexural strength and firing stability guarantee that the form, function and color intensity of the restoration are reliably maintained.

TECHNICALLY REFINED – PERFECTLY COMBINED

Given a CTE of 13.8 to 14.9, the 4 high-fusing Body materials are suitable for all conventional alloys. At the same time they are also compatible with all ceramic, stains and effect materials as well as the opaque pastes and powders from the GC Initial MC range – for individual highlights or esthetic color corrections.

GC Initial IQ – One Body, Layering-over-Metal, the new way to achieve uniform and constantly reproducible quality within a very short time.



Courtesy of Masayuki Hoshi, CDT

Imagine ONE.



LEFT: Multi Powder Build.
RIGHT: GC Initial™ IQ, One Body, Layering-over-Metal

Courtesy of Masayuki Hoshi, CDT



Courtesy of Luke Khang, CDT



Preparation



ONE Build



ONE Lustre



ONE Highly Esthetic Result

Courtesy of Michael Brusch, MDT



Metal framework perfectly masked with GC Initial MC Paste Opaque.



Full contour application of a Base Powder.



Result after one firing.



Application of Lustre Paste Body Shade.



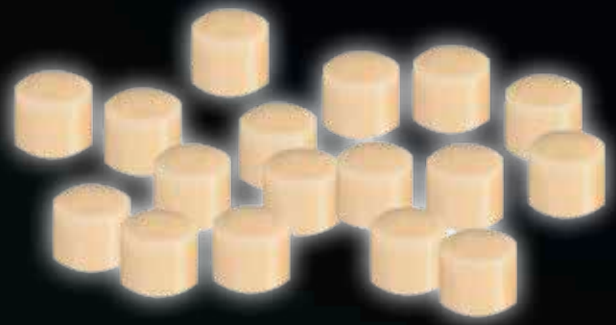
Final restoration after one firing.



*initial*_{IQ}

One Body, Press-over Metal
One Body, Press-over Zircon

GC Initial™ IQ, the new One Body, Press-over-Metal and Press-over-Zircon systems are feldspar based pressable ceramics that demonstrate unsurpassed lifelike esthetics in no time! The totally new technologies of preblended ingots and the GC Initial IQ 3-dimensional Lustre Pastes NF add up to an internal light dynamic, which exhibits unrivalled vitality and natural lustre. Both systems are ideally suited for the fully anatomical contour pressing, although the cut-back technique is perfectly possible. This totally new system is extremely easy to learn & easy to use.



This new concept of pre-blended effect ingots in combination with the 3-D GC Initial IQ Lustre Pastes NF exhibits vitality and a natural lustre. This new development is standardized, compact and easy to use. By using this unique "One Body Concept", you are making better use of your time and can now enjoy the benefits of higher accuracy, fewer remakes and optimized productivity without sacrificing customer service or quality. Introduce GC Initial™ IQ – One Body Concept in your lab and maximize your existing resources and get a higher revenue from your dental business.



GC Initial IQ - One Body, Press-over-Metal is a feldspar based pressable ceramic system for conventional porcelain alloys (CTE/WAK range 13.8 to 14.9).



GC Initial IQ - One Body, Press-over-Zircon is a feldspar based ceramic that demonstrates outstanding lifelike esthetics and merges both the pressable and CAD/CAM technologies.

FEATURES

- Consistency and predictability in quality of work
- Easy to learn and even easier to use
- All ceramic marginal integrity – just wax the margin and press!
- Full contour waxing is now easy to learn thanks to the wide range off prefab wax veneer systems on the market
- The unique preblended ingots offer repeatability in shades so less remakes
- Lifelike translucency and color depth are easily created by simply applying, ready to use, GC Initial IQ Lustre Pastes NF, newly developed 3-dimensional ceramic pastes which can be applied in a thicker layer!

PROFITABILITY, DO MORE WITH WHAT YOU HAVE

- GC Initial IQ - Intelligent Quintessence, a clever and compact summary of materials:
 - Standard opaques from the GC Initial MC set
 - Only 7 dentin and 3 bleach ingots, to cover all 16 shades of the Vitapan®+ Classical shade guide
 - GC Initial IQ Lustre Pastes NF can be used for both systems!
- Intelligence Quintessence, a clever and compact summary of techniques:
 - The One Body Concept offers a simplified and condensed process optimizing your waxer's output and lowering the costs of training ceramists



Full contour bridgework



Application of Lustr Pastes



Final restoration after only 1 firing

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Lustre Pastes NF

GC Initial™ IQ Lustre Pastes NF are newly developed 3-dimensional ceramic pastes, which can be applied in a thicker layer, creating color depth and lifelike translucency.

FEATURES:

- With an optimal match to both “low” & “high” CTE range, GC Initial IQ Lustre Pastes NF are compatible to almost all types of dental ceramic
- GC Initial IQ Lustre Pastes NF are based on fine ceramic particles allowing a thicker application compared to conventional stains & glazes
- Due to the unique paste medium, it has a fine thixotropic property for easy and exact applications
- GC Initial IQ Lustre Pastes NF are low fusing, ceramic pastes that do not wear like some stains, glazes or surface protectants

LUSTRE PASTES SHADES:

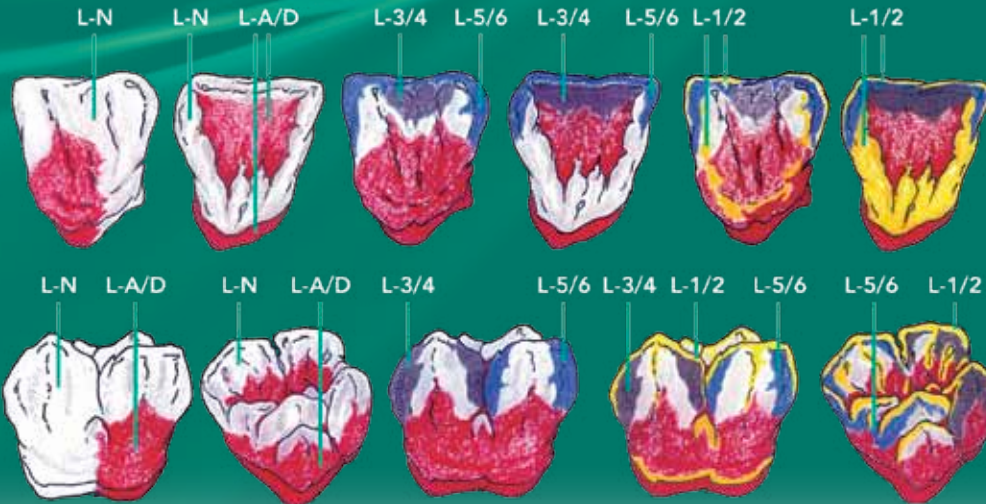


L-N Neutral L-A Body L-B Body L-C Body L-D Body L-V Value L-1 Vanilla



L-2 White L-3 Light Grey L-4 Dark Grey L-5 Light Blue L-6 Dark Blue L-7 INeiso L-8 Olive

PAINT BY NUMBERS:



GC Initial™ IQ Lustre Pastes NF

- New improved delivery system
- Available in ready to use consistency (1 neutral, 1 value, 4 body shades and 8 enamel effect shades)
- Just one dedicated kit for all indications
- Wide CTE range of 6.9-13.3 to work with nearly all types of ceramics

GC Initial™ IQ - One Body, Press-over-Zircon

875010 IQ/Power Frame Modifier-Zr PFM-1 (10g)
875011 IQ/Power Frame Modifier-Zr PFM-2 (10g)
875012 IQ/Power Frame Modifier-Zr PFM-3 (10g)
875013 IQ/Power Frame Modifier-Zr PFM-4 (10g)
872701 IQ/Effect Ingot A1-Zr (5x2g)
872702 IQ/Effect Ingot A2-Zr (5x2g)
872703 IQ/Effect Ingot B1-Zr (5x2g)
872704 IQ/Effect Ingot B2-Zr (5x2g)
872705 IQ/Effect Ingot C1-Zr (5x2g)
872706 IQ/Effect Ingot C2-Zr (5x2g)
872707 IQ/Effect Ingot D2-Zr (5x2g)
872708 IQ/Effect Ingot Bleach AO-Zr (5x2g)
872709 IQ/Effect Ingot Bleach BO-Zr (5x2g)
872710 IQ/Effect Ingot Bleach BOO-Zr (5x2g)
872740 IQ/Effect Ingot A1-Zr (4x5g)
872741 IQ/Effect Ingot A2-Zr (4x5g)
872742 IQ/Effect Ingot B1-Zr (4x5g)
872743 IQ/Effect Ingot B2-Zr (4x5g)
872744 IQ/Effect Ingot C1-Zr (4x5g)
872745 IQ/Effect Ingot C2-Zr (4x5g)
872746 IQ/Effect Ingot D2-Zr (4x5g)
872747 IQ/Effect Ingot Bleach AO-Zr (4x5g)
872748 IQ/Effect Ingot Bleach BO-Zr (4x5g)
872749 IQ/Effect Ingot Bleach BOO-Zr (4x5g)
872721 IQ/Correction Powder A1-Zr (5g)
872722 IQ/Correction Powder A2-Zr (5g)
872723 IQ/Correction Powder B1-Zr (5g)
872724 IQ/Correction Powder B2-Zr (5g)
872725 IQ/Correction Powder C1-Zr (5g)
872726 IQ/Correction Powder C2-Zr (5g)
872727 IQ/Correction Powder D2-Zr (5g)
872728 IQ/Correction Powder Bleach AO-Zr (5g)
872729 IQ/Correction Powder Bleach BO-Zr (5g)
872730 IQ/Correction Powder Bleach BOO-Zr (5g)
877075 Press-over-Zircon Set

GC Initial™ IQ - One Body, Press-over-Metal

870000 Fluo Crystals
872501 IQ/Effect Ingot A1-M (5x2g)
872502 IQ/Effect Ingot A2-M (5x2g)
872503 IQ/Effect Ingot B1-M (5x2g)
872504 IQ/Effect Ingot B2-M (5x2g)
872505 IQ/Effect Ingot C1-M (5x2g)
872506 IQ/Effect Ingot C2-M (5x2g)
872507 IQ/Effect Ingot D2-M (5x2g)
872508 IQ/Effect Ingot Bleach AO-M (5x2g)
872509 IQ/Effect Ingot Bleach BO-M (5x2g)
872510 IQ/Effect Ingot Bleach BOO-M (5x2g)
872521 IQ/Effect Ingot A1-M (4x5g)
872522 IQ/Effect Ingot A2-M (4x5g)
872523 IQ/Effect Ingot B1-M (4x5g)
872524 IQ/Effect Ingot B2-M (4x5g)
872525 IQ/Effect Ingot C1-M (4x5g)
872526 IQ/Effect Ingot C2-M (4x5g)
872527 IQ/Effect Ingot D2-M (4x5g)
872528 IQ/Effect Ingot Bleach AO-M (4x5g)
872529 IQ/Effect Ingot Bleach BO-M (4x5g)
872530 IQ/Effect Ingot Bleach BOO-M (4x5g)
872540 IQ/Correction Powder A1-M (5g)
872541 IQ/Correction Powder A2-M (5g)
872542 IQ/Correction Powder B1-M (5g)
872543 IQ/Correction Powder B2-M (5g)
872544 IQ/Correction Powder C1-M (5g)
872545 IQ/Correction Powder C2-M (5g)
872546 IQ/Correction Powder D2-M (5g)
872547 IQ/Correction Powder Bleach AO-M (5g)
872548 IQ/Correction Powder Bleach BO-M (5g)
872549 IQ/Correction Powder Bleach BOO-M (5g)
877074 Press-over-Metal Set

GC Initial™ IQ, One Body, Layering-over-Metal

877077 One Body, Layering-over-Metal Set
872560 Body A Powder (50g)
872561 Body B Powder (50g)
872562 Body C Powder (50g)
872563 Body D Powder (50g)
872660 Body A Powder (250g)
872661 Body B Powder (250g)
872662 Body C Powder (250g)
872663 Body D Powder (250g)

GC Initial™ IQ - Lustre Pastes NF

876220 Lustre Paste Diluting Liquid (8mL)
876400 Lustre Paste NF Refresh Liquid (8mL)
876401 Lustre Paste NF Lustre Paste Neutral (4g)
876402 Lustre Paste NF Body Shade A (4g)
876403 Lustre Paste NF Body Shade B (4g)
876404 Lustre Paste NF Body Shade C (4g)
876405 Lustre Paste NF Body Shade D (4g)
876406 Lustre Paste NF Enamel Effect Shade 1 - Vanilla (4g)
876407 Lustre Paste NF Enamel Effect Shade 2 - White (4g)
876408 Lustre Paste NF Enamel Effect Shade 3 - Light Grey (4g)
876409 Lustre Paste NF Enamel Effect Shade 4 - Dark Grey (4g)
876410 Lustre Paste NF Enamel Effect Shade 5 - Light Blue (4g)
876411 Lustre Paste NF Enamel Effect Shade 6 - Dark Blue (4g)
876412 Lustre Paste NF Enamel Effect Shade 7 - Inciscio (4g)
876413 Lustre Paste NF Enamel Effect Shade 8 - Olive (4g)
876414 Lustre Paste NF Enamel Effect Shade V - Value (4g)
877043 Lustre Paste NF Glass Spatula
877051 Lustre Paste NF Brush 00
877052 Lustre Paste NF Brush 2
877053 Lustre Paste NF Mixing Dish
877054 Lustre Paste NF Plastic Cover
877078 Lustre Paste NF Set

GC Initial™ IQ, Accessories

872102 Ring Base System Small
872103 Ring Base System Medium
872104 Ring Base System Large
900428 One Way Press Plungers for (30x2g)
900429 One Way Press Plungers for (30x5g)

Related Products - GC MultiPressVest®

800242 GC MultiPressVest Intro Package
800243 GC MultiPressVest Powder (6kg)
872104 GC MultiPressVest Liquid (900mL)



GC Initial™ IQ
One Body, Layering-over-Metal



GC Initial™ IQ
One Body, Press-over-Metal



GC Initial™ IQ
One Body, Press-over-Zircon



GC Initial™ IQ
Lustre Pastes NF





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