

IPS InLine®

IPS InLine® Conventional Metal-Ceramic

IPS InLine® PoM Press-on-Metal Ceramic



Make it InLine!

IPS InLine®

You're free to choose!

Streamline your working procedures and increase the productivity and cost-efficiency of your laboratory operations.

The new IPS InLine/IPS InLine PoM leucite metal-ceramic gives you exceptional flexibility.

After applying the opaquer, you select the suitable processing procedure based on your personal preferences and the requirements of the individual case.

Conventional layering or **the precision press-on technique:** IPS InLine or IPS InLine PoM always offers an appropriate solution!



EITHER:

OR:

IPS InLine®

IPS InLine® PoM

CONVENTIONAL Metal-Ceramic

PRESS-ON-METAL Ceramic

Conventional veneering ceramic for the most popular alloys in the CTE range of $13.8-15.0 \times 10^{-6} K^{-1}$ 25-500°C

Veneers on refractory dies

Ceramic for pressing fully anatomical restorations on metal crown and bridge frameworks after the application of an opaquer, mainly for the posterior. CTE range of: $13.8-14.5 \times 10^{-6} K^{-1}$ 25-500°C < 10% Silver



IPS InLine / IPS InLine PoM – the decision is yours!

Outstanding compatibility of the products used is the best prerequisite for durable aesthetic restorations.

Ivoclar Vivadent is an experienced supplier of comprehensive systems. Therefore, the company offers alloys that are ideally coordinated with IPS InLine / IPS InLine PoM.

A wide selection of alloys is available ranging from **high gold** to **reduced gold** and **palladium-based** to **pre-dominantly base metal alloys** – depending on the indication and requirements of the patients.



Ivoclar Vivadent Alloys

	IPS InLine	IPS InLine PoM
High gold content:		
Brite Gold	✓	-
Brite Gold XH	✓	-
Golden Ceramic	✓	-
Aquarius Hard	✓	✓
Aquarius	✓	-
IPS d.SIGN 98	✓	✓
Y	✓	-
Aquarius XH	✓	✓
Y-2	✓	-
Y-Lite	✓	✓
Sagittarius	✓	✓
Y-1	✓	-
IPS d.SIGN 96	✓	✓
Reduced gold content:		
IPS d.SIGN 91	✓	✓
W	✓	-
W-5	✓	-
Lodestar	✓	✓
W-3	✓	✓
Leo	✓	✓
W-2	✓	✓
Evolution Lite	✓	✓
Palladium-based:		
Capricorn 15	✓	-
IPS d.SIGN 84	✓	✓
Capricorn	✓	✓
Protocol	✓	✓
IPS d.SIGN 67	✓	-
Spartan Plus	✓	✓
Spartan	✓	✓
Aries	✓	-
IPS d.SIGN 59	✓	-
IPS d.SIGN 53	✓	-
W-1	✓	-
Callisto CP	✓	✓
Implant alloys:		
Callisto Implant 78	✓	✓
IS-85	✓	✓
IS-64	✓	-
Callisto Implant 60	✓	-
Predominantly base metal:		
Lite-Cast	✓	✓
Pisces Plus	✓	✓
4all	✓	✓
IPS d.SIGN 15	✓	✓
IPS d.SIGN 30	✓	✓

The range of alloys may vary from country to country.

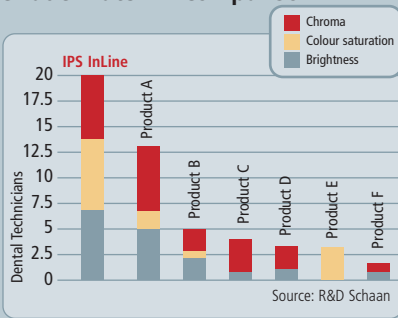
IPS InLine® – the convent

ACCURATE shade matching!

IPS InLine facilitates the application of the opaquer and speeds up the placement of dentin and incisal materials.

The result is excellent shade matching with minimal time and effort. IPS InLine is available in A–D, Chromascop and the new Bleach BL shades.

Shade match in comparison



FAST results!

IPS InLine is a wonderfully efficient and economical option for a variety of clinical applications. Given the favourable firing properties of the ceramic, restorations can be completed with one to two main firings.

IPS InLine shows optimum sintering behaviour, which makes complicated and repetitive corrective firings a thing of the past.

1st main firing



2nd main firing



Matching furnace...

The latest furnace generation from Ivoclar Vivadent includes the Programat P300, P500, P700, and EP 5000. Thanks to the new heating muffle technology with homogeneous heat radiation, you can achieve excellent results when you fire your IPS InLine restorations.



IPS InLine – Create InLine!

ional metal-ceramic

BEAUTIFUL restorations!

Restorations made of IPS InLine ceramic materials impress users with their overall natural appearance. Moreover, there are various additional materials to achieve special effects.

For example, individual details and special shade characteristics can be easily reproduced using the Opal and Translucent materials.

The four new modern Bleach shades BL1, BL2, BL3 and BL4 round off the IPS InLine System.

NEW!



INN-KERAMIK, Innsbruck (Austria)

Clinical procedure:



Implant to replace tooth 36 with abutment screwed on. Screw opening closed with cement.



IPS InLine crown adhesively luted with Multilink on the implant abutment.

Dr. Ed Lowe / Nelson Rego, CDT (USA)

IPS InLine

Conventional Metal-Ceramic



Oxidized framework



The opaquerized metal framework ...



... is layered with Deep Dentin-, Dentin- ...



... and Incisal materials.



A true-to-nature surface structure is created ...



... and subsequently characterized and glazed using the new Shades/Stains and Glaze materials.

IPS InLine[®] PoM – the press-on

PRECISION

Results!

IPS InLine is the latest development in the press-on-metal technique. It is a new leucite ceramic which maximizes the shade selection, function and surface structure of the restoration.

Discover the **Press-on-Metal** technique which allows you to create accurately fitting aesthetic restorations and produce consistently reproducible quality in no time at all.



EFFICIENT

processing!

The IPS InLine ingots are pressed on metal frameworks to produce fully anatomical restorations by means of the proven PRESS technique with little technical effort and expenditure of time.

The model corresponds with the final shape. The sintering behaviour known from traditional metal-ceramics is a thing of the past. There is no need for cut-back or ceramic layering. You will be impressed by the accuracy of fit of the restorations, which is comparable to that of all-ceramics.



Matching press furnace ...

The EP 500, EP 600, EP 600 Combi and Programat EP 5000 furnaces are ideal for firing press-on-metal ingots.

In combination with the IPS PressVEST Speed or IPS PressVEST investment materials, you can achieve highly accurate press results and extremely smooth surfaces.



IPS InLine PoM – Press it InLine!

metal ceramic



**IPS InLine
PoM**
Press-on-Metal
Ceramic

AESTHETIC results!

The ingot concept has been deliberately designed «narrow». With only seven shades, all Chromascop, A–D and the new Bleach shades can be easily reproduced. Consequently, it is possible to press over different patient cases in one press cycle.

Thanks to two ingot sizes (S and XS), unnecessary material waste is a thing of the past with IPS InLine PoM. The final tooth shade is achieved by individual characterization with the new Shade/Stains and Glaze materials.

It couldn't be easier: Apply the Opaquer, complete the wax-up, press the fully-anatomical restoration, and characterize with the Stain materials and glaze. The result is an accurately fitting, aesthetic restoration!

XS & S Ingots		BL	1	2	3	4	5	6
Ingot & Touch Up	BL1, BL2, BL3, BL4	A1, B1	A2, B2, C1, D2	A3, A3.5	B3, B4	C2, D3, D4	A4, C3, C4	
	110, 120, 130, 140	210, 220, 230, 240	–	310, 320, 330, 340	410, 420, 430, 440	510, 520, 530, 540		

Two ingot
sizes



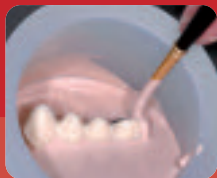
Oxidized framework



The opaquerized metal
framework ...



... is waxed up to fulfil the
desired shape and function ...



... and then invested and
pressed.



After divesting, ...



... the restorations are
individually finished and
characterized using the new
Shade/Stains and Glaze
materials.

Clinical procedure:



Placed implants.



The ceramic has been pressed on
the metal frameworks to produce
fully anatomical restorations with
precision fit.



The IPS InLine PoM restoration on Callisto
Implant 78 harmoniously blends into the
natural surroundings.

INN-KERAMIK Innsbruck (Austria)

IPS InLine® / IPS InLine® PoM

The decision is yours!

The balanced basic assortment allows you to achieve lifelike and aesthetic results for the entire range of metal restorations.

IPS InLine is available in 20 Chromascop, 16 A–D and four new Bleach shades.

The seven InLine PoM ingots are used to reproduce all the Chromascop, A–D and the four new Bleach shades.

The assortments include the most popular shades and can be individually supplemented.

Universal materials for all the IPS InLine restorations

For individual finishing and characterizing, you can use the new IPS InLine/IPS InLine PoM Shade / Stains and Glaze materials.

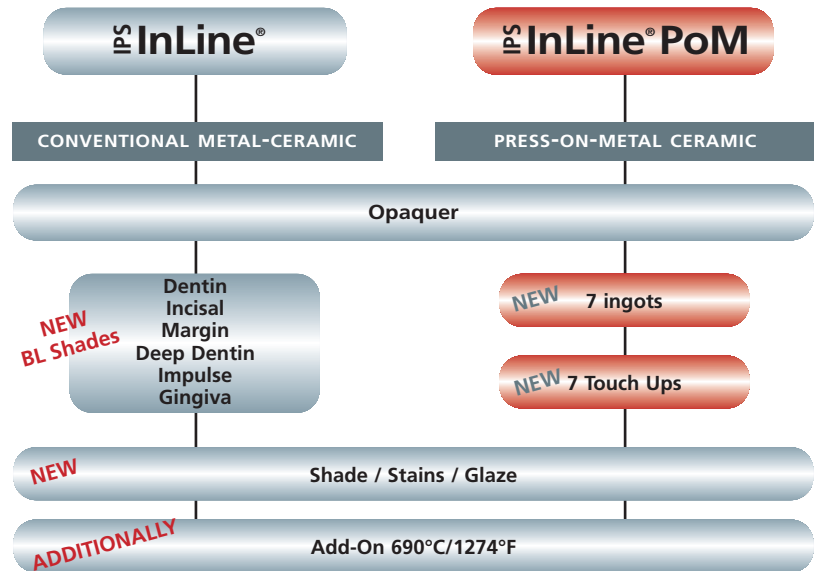
And:

Cementation

Your dentist may choose the conventional cementation, self-adhesive or adhesive luting technique for placing IPS InLine / IPS InLine PoM restorations.

For conventional cementation, we recommend the glassionomer cement **Vivaglass CEM**.

If an adhesive cementation technique is used, **Multilink Automix** is the universal composite of choice.



Additional information is available in the following communication tools: "Focus On", the brochure for dentists and the Patient Information leaflet.

For detailed explanations on the individual products and IPS InLine / IPS InLine PoM, please ask your Ivoclar Vivadent consultant.

For further information visit: www.ivoclarvivadent.com

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