

the Metacon light cured wax system offers substantial quality and time saving benefits for the full range of dental applications



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SPEED UP PRODUCTION

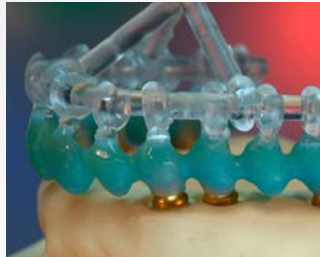
metacon

the light cured WAX

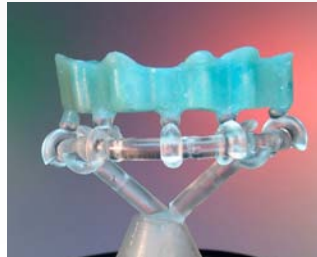
the very unique chemical formula of the Metacon wax ideally combines waxes, acrylics and photo-polymerising elements. Thus the material handles like wax before - and like acrylic after light curing.



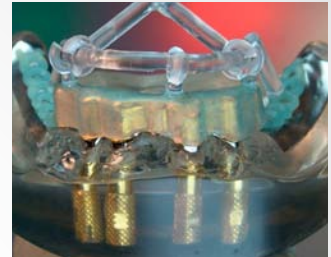
metaconSystem



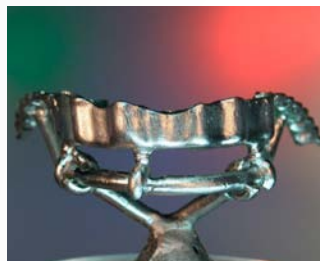
implant bridge



implant bar



tertiary structure modelled...



...and cast



implant structure light cured
and...



...metal try-in



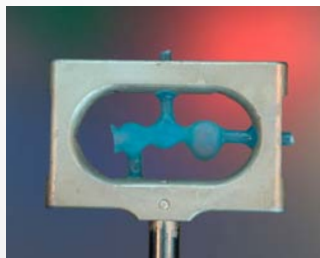
crown and bridgework



pressable ceramics



scanning



scan frame Cercon, Zirkonzahn,
Ceramill



lower partial with clasps



two lower partials in one ring!



uses

the full range of dental applications:

- crown and bridge restorations

» implant bars and bridges

- modellations for pressable ceramics
- combination cases with attachments
- partial dentures with clasps
- full upper palate plates

without duplicating material and refractory model.



advantages

- eliminates refractory models
- no need for duplicating materials
- more precise than conventional waxing methods
- substantial time and cost saving
- handles like wax before it is cured
- after it is cured, it handles like acrylic
- does not show any shrinkage or distortion after curing
- the material is strong yet flexible
- polymerized Metacon wax has a memory
- can be trimmed before investing
- burns out cleanly and completely
- does not expand in the ring
- available as modelling wax and as pre-formed patterns
- **metalight**
light curing units
mini, trend, classic



technical tips

For best temperature control rather wax up with an electric wax spatula than with an instrument and Bunsen burner. Alternatively Metacon can be kneaded “cold” as it offers perfect modelling consistency just slightly above room temperature. This method is even more productive.

To easily lift partials off the model after light curing always use the Metacon system separators and follow the instructions.

Do not try to wax up all details. It is much more productive to light cure the material first, then create the final shape details in the acrylic stage with grinding tools.

For best results always light cure the material in primotec’s metalight curing units. Do not use any light curing units that generate heat inside the curing chamber and/or any strobe lights.

Any further technical questions – please call **866-643-3129**

science

The Metacon light cured wax is a unique chemical composition of cracked carbon chains (acrylic) with photo initiators attached to both ends of the carbon chain pieces. These conditioned acrylic parts

are then mixed with specially formulated waxes. Metawax modelling wax and Metaform preformed wax patterns are chemically equal but have a different density.



SPEED UP PRODUCTION

working procedure



1 after survey, design and block out apply the Metaseal separator



2 Metaform preformed patterns are available as clasps, stipple sheets, retentions, bars, etc.



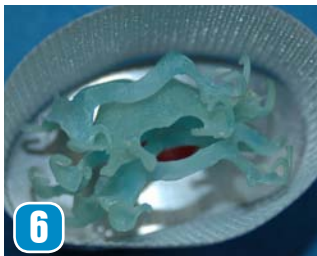
3 for perfect adaptation the Meta-vac device is used



4 after light curing to acrylic the Metacon material can be trimmed



5 wax up completed, ready for sprueing and investing



6 when using the Metaring investing system three partials can easily be cast in one ring



7 for best fitting the investment material expansion needs to be adjusted 10% up



8 three partials, one button and minimum investment material used

metaconSystem

publications

- **There are simpler ways ...**
by Joachim Mosch CDT
and Andreas Hoffmann MDT
published in Spectrum Dialogue

- **The Metacon System – Part 1/2**
by Bettina Cortés CDT
published in Spectrum Dialogue
Vol.6 No.9

Find these and more publications under
www.primogroup.net or call primotec USA
at **866-643-3129** for your free printed copy.

training courses

- **MetaconSystem – Implants made easy**

In this course learn how to fabricate single unit to full arch implant cases easily, precisely and quickly using Metacon light cured wax. The wax up is light cured and polymerizes into an acrylic, thus enabling the user to remove, check the fit and “trim” the wax up before casting.

- **MetaconSystem – Partial dentures made easy**

In this course learn how to fabricate partial dentures on the master model without needing to make a refractory model or use duplicating materials. Once the partial is waxed up, simply light cure and the material polymerizes into an acrylic, thus enabling the user to remove, check the fit and trim before casting. Save money, time and generate new business.

For course dates and locations please call primotec USA at **866-643-3129**

www.primotecusa.com



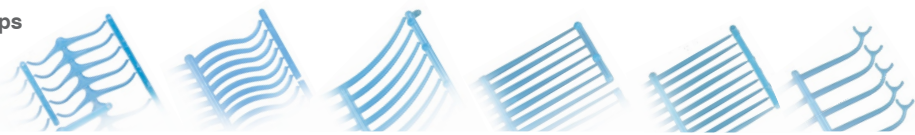
ORDERING INFO

metaconSystem preformed patterns and peripherals

Item #	Item	Price
MC Starter Set M	metaconSystem Starter Set M ML120: metalight mini - light curing unit IM200: Metatouch - finger and instrument separator (40g) IM300: Metaseal - stone model and die separator (40g) MW100: Metawax - modelling wax (20g) Metaform sprue sticks round - 3,5 mm (6 pieces) Metaform rods - 6 mm (3 pieces) Metaform smooth sheet - 0,55 x 67 x 130 mm (1 sheet) Know-How-DVD 	\$549.00
MC Starter Set T	metaconSystem Starter Set T ML110: metalight trend - light curing unit IM200: Metatouch - finger and instrument separator (40g) IM300: Metaseal - stone model and die separator (40g) MW100: Metawax - modelling wax (20g) Metaform sprue sticks round - 3,5 mm (6 pieces) Metaform rods - 6 mm (3 pieces) Metaform smooth sheet - 0,55 x 67 x 130 mm (1 sheet) Know-How-DVD 	\$999.00
KB-KIT	Partials & Full Plate base kit IM200: Metatouch - finger and instrument separator (40g) IM300: Metaseal - stone model and die separator (40g) GK300: Metaform sprue sticks round - 3,5 mm (53g) GK400: Metaform rods - 6 mm (60g) MW100: Metawax - modelling wax (20g) PP151: Metaform smooth sheet - 0,55 x 67 x 130 mm (6 sheet) 	\$310.00
MG-KIT	Partials & Full Plate base kit BP300: Metaform lingual bar straight drop shape (40g) IM200: Metatouch - finger and instrument separator (40g) IM300: Metaseal - stone model and die separator (40g) GK300: Metaform sprue sticks round - 3,5 mm (53g) KP100: Metaform premolar clasp (5 sheets, 100 pieces) PP301: Metaform stipple sheet - 0,55 x 67 x 130 mm (6 sheet) RP200: Metaform mesh retentions (6 sheets, 5 pieces) RP400: Metaform retention hole shape (5 sheets, 45 pieces) SK100: Silikobold - modelling instrument VB100: Metabond - connecting bonder (10ml) 	\$565.00
TZ-KIT	Vacuum-Suction kit KD100: Metatex - latex covers (1 pack, 36 pieces) MG100: Metagran - clear acrylic grains (1 sheets, 120g) MP100: Metapump - hand vacuum pump MV100: Metavac - vacuum-suction device not suitable for metalight mini 	\$260.00

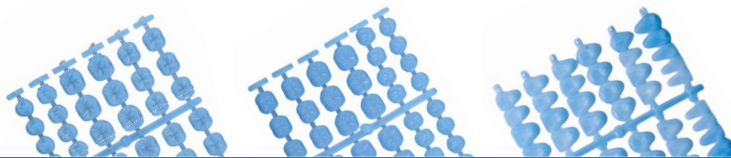
ORDERING INFO

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Item #	Item	Price
Clasps 		
KP100	Metaform premolar clasp (4 sheets, 100 pieces)	\$75.00
KP200	Metaform molar clasp (5 sheets, 140 pieces)	\$75.00
KP300	Metaform ring clasp (5 sheets, 130 pieces)	\$75.00
KP400	Metaform straight clasp large (5 sheets, 180 pieces)	\$75.00
KP500	Metaform straight clasp medium (5 sheets, 180 pieces)	\$75.00
KP600	Metaform roach clasp (5 sheets, 100 pieces)	\$75.00
Sheets 		
PP101	Metaform stipple sheet – 0,35 x 67 x 130 mm (6 sheet)	\$75.00
PP201	Metaform stipple sheet – 0,45 x 67 x 130 mm (6 sheet)	\$75.00
PP301	Metaform stipple sheet – 0,55 x 67 x 130 mm (6 sheet)	\$75.00
PP401	Metaform stipple sheet – 0,65 x 67 x 130 mm (6 sheet)	\$75.00
PP105	Metaform rougher stipple sheet – 0,35 x 67 x 130 mm (6 sheet)	\$75.00
PP205	Metaform rougher stipple sheet – 0,45 x 67 x 130 mm (6 sheet)	\$75.00
PP305	Metaform rougher stipple sheet – 0,55 x 67 x 130 mm (6 sheet)	\$75.00
PP405	Metaform rougher stipple sheet – 0,65 x 67 x 130 mm (6 sheet)	\$75.00
PP151	Metaform smooth sheet – 0,55 x 67 x 130 mm (6 sheet)	\$75.00
PP251	Metaform smooth sheet – 0,80 x 67 x 130 mm (6 sheet)	\$75.00
PP351	Metaform smooth sheet – 1,40 x 67 x 130 mm (5 sheet)	\$75.00
PP451	Metaform smooth sheet – 1,80 x 67 x 130 mm (5 sheet)	\$75.00
Lingual bars 		
BP100	Metaform lingual bar swung (5 sheets, 40 pieces)	\$75.00
BP200	Metaform lingual bar swung with retention (5 sheets, 20 pieces)	\$75.00
BP300	Metaform lingual bar straight drop shape (40g)	\$75.00
BP400	Metaform lingual bar straight trapezium (40g)	\$75.00
BP500	Metaform bar for upper open palate plates (5 sheets, 45 pieces)	\$75.00

ORDERING INFO

metaconSystem preformed patterns and peripherals

Item #	Item	Price
Retentions 		
RP100	Metaform mesh retention for toothless jaws (5 sheets, 10 pieces)	\$75.00
RP150	Metaform loop retentions (5 sheets, 10 pieces)	\$75.00
RP200	Metaform mesh retentions (6 sheets, 6 pieces)	\$75.00
RP300	Metaform retention comb shape (5 sheets, 45 pieces)	\$75.00
RP350	Metaform double comb shape retention (5 sheets, 40 pieces)	\$75.00
RP400	Metaform retention hole shape (5 sheets, 45 pieces)	\$75.00
Sprues 		
GK100	Metaform sprue sticks round – 1,5 mm (15g)	\$75.00
GK200	Metaform sprue sticks round – 2,5 mm (30g)	\$75.00
GK300	Metaform sprue sticks round – 3,5 mm (53g)	\$75.00
Rods and half round sticks 		
GK400	Metaform rods – 6 mm (60g)	\$75.00
GK500	Metaform half round sticks – 1,6 (16g)	\$75.00
GK600	Metaform half round sticks – 2,2 (22g)	\$75.00
Occlusal surfaces & backing plates 		
FP100	Metaform upper occlusal surfaces (3 sheets, 120 pieces)	\$75.00
FP200	Metaform lower occlusal surfaces (3 sheets, 120 pieces)	\$75.00
FP300	Metaform backing plate (3 sheets, 120 pieces)	\$75.00

ORDERING INFO

metaconSystem preformed patterns and peripherals

Item #	Item	Price
MW100 	Metawax modelling wax (20g)	\$36.50
IM200 	Metatouch finger and instrument separator (40g)	\$35.00
IM300 	Metaseal stone model and die separator (40g)	\$35.00
VB100 	Metabond connecting bonder (10ml)	\$39.90
SK100 	Silikobold modelling instrument – features rounded smooth, rounded stippled and flat sides (perfect for Metacon system)	\$44.00
MV100 	Metavac vacuum-suction device	\$199.00
MP100 	Metapump hand vacuum pump	\$30.00
MG100 	Metagran clear acrylic grains (1 sheets, 120g)	\$8.00
KD100 	Metatex latex covers (1 pack, 36 pieces)	\$39.90

distortion free light curing units

innovative cooling system for stress free light curing

metalight mini

Metalight mini – is the smallest and most cost effective Metalight model. It is optimal for use directly at the work bench, which increases efficiency and avoids wait times at the central laboratory light curing unit. The chamber accommodates up to two stone models.

metalight trend

Metalight trend – is more spacious than the Metalight mini and is equipped with an push button operating panel.

There are three easy touch buttons for 5, 10 and 15 minute polymerization cycles. The chamber provides sufficient space for the metavac suction device, up to 4 models and taller models with plaster bases.

metalight classic

Metalight classic – provides the largest polymerization chamber, easily fitting any full size articulator. Twelve lights combined with special paint inside the chamber provide ultimate light power within the spectrum of 320-400nm (optionally 320-500nm). It also has three easy touch buttons for 5, 10 and 15 minutes polymerization cycles. The curing process starts automatically once the top is placed on the unit. A built in filter protects the chamber and cases from dust during operation.

ORDERING INFO

Item #	Item	Price
ML120 	metalight mini – light curing unit	\$399.00
ML110 	metalight trend – light curing unit	\$899.00
ML100 	metalight classic – light curing unit	\$1,999.00
ML800	metalight bulb – from 320 to 400 nm	\$26.00
ML801	metalight bulb – from 400 to 500 nm	\$26.00