

# ICX-ROYAL<sup>®</sup>

The complete system  
for implant-supported dentures.

„By dental technician for dental technician.“

**THE NEW ICX-ROYAL<sup>®</sup> CLASS  
IN MODERN DENTAL TECHNOLOGY.**



**ICX-ROYAL CREATES THE SYMBIOSIS  
BETWEEN THE CONVENTIONAL, MODERN MATERIALS  
AND THE RESULTS OF THE MODERN,  
DIGITAL IMPLANT WORLD.**

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## ICX-ROYAL® offers excellent aesthetics!

All implant-supported dental restorations are subject particularly high loads. Conventional, proven synthetic materials have been developed for dental prostheses on natural teeth. Due to the resilience of natural teeth, the chewing forces and shear stresses acting on natural tooth stumps are significantly lower than the forces acting on implant-supported dentures.

Therefore the many materials are often only conditionally particularly suitable for implant-supported dentures.

**Our ICX-ROYAL system has been specially developed on the basis of experience gained in recent years with regard to the time conversion to digital implant technology. ICX-ROYAL creates the symbiosis between conventional, modern materials and the results of the modern digital implant world.**

The new ICX-ROYAL system offers you a wide range of dental materials that come from a single source and are coordinated with each other to produce high-quality dental restorations in an economically time-saving manner. From primer to opaquer, luting materials up to the ICX-ROYAL dentine, from new Flow Comper-sile masses.

In comparison to ordinary dentin materials, these offer better resistance to mechanical wear and tear on implant-supported work. In developing the material we followed the latest guidelines and chemical findings. ICX-ROYAL Flow Composites are manufactured from the latest pre-crosslinked polymer, which consists of a matrix of inorganic nano- and micro-fillers will be strengthened.

Compared to conventional acrylic, the new ICX-ROYAL material improved resistance to mechanical wear, higher hardness with unchanged elasticity, good resistance against plaque adhesion, colour stability, excellent polishing properties and perfect adhesion to denture material through controlled use of silanized composite particles.

Benefit from the experience of our medentis medical employees and work with our ICX-ROYAL concept. Save time in your product search - from dental technicians for dental technicians - ICX-ROYAL offers you everything.

**ICX-ROYAL® - can be used for all systems. With the original prosthetics, ICX-Royal® can be used for example for Straumann®, Nobel Biocare® or Dentsply Sirona®.**



The products/brands mentioned with ® are registered brand names and/or trademarks of the respective manufacturer.

# THE BENEFITS FOR YOUR PATIENTS:

- Microelasticity of the dental prosthesis
- Reduced volume of the denture/dimension of the own tooth row
- Freedom of the palate    - No impairment of the sense of flavor
- APF: Aesthetics - Phonetics - Function in perfection
- Sustainable, always repairable - easy to maintain
- Biocompatible dentures    - Inexpensive dentures

## ICX-ROYAL® – Materials



1

**RYL-040-000425**  
**ICX-ROYAL Metal Primer**  
5ml

Primer for metal  
Primer for indirect restorations in precious and non-precious metals. Metal Primer strengthens the adhesion of methacrylate-based dental materials (light-, self- and dual-curing) to metal surfaces.



2

**RYL-040-L00611**  
**ICX-ROYAL Opaquer-L(iquid)**  
5ml

Opaquer / Liquid  
A light- and heat-curing opaquer liquid for opaquer-P and opaquer-G with excellent masking properties.



3

**RYL-040-A30611**  
**ICX-ROYAL Opaquer-P(owder)**  
3g

Opaquer / A3  
A light- and heat-curing opaquer with excellent masking properties.



4

**RYL-040-G10611**  
**ICX-ROYAL Opaquer-G(ingiva)**  
3g

Opaquer / Gingiva  
A light- and heat-curing opaquer with excellent masking properties.



5

**RYL-040-P00305**  
**ICX-ROYAL Glace-P(raxis)**  
3ml

light-curing resin  
in practice  
A light-curing acrylic-based resin for crown and bridge technique for extra- and intraoral use. Free from methyl methacrylate.



6

**RYL-040-L00305**  
**ICX-ROYAL Glaze-Lab(or)**  
30ml

Light-curing resin for the laboratory  
A light-curing acrylic-based resin for the crown and bridge technique. Free from methyl methacrylate.

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## ICX-ROYAL® – Materials



7  
RYL-040-G10614  
ICX-ROYAL Gingiva  
2ml

Composite / Gingiva  
Light- and heat-curing composite



8  
RYL-040-A10104  
ICX-ROYAL Dentin A1  
RYL-040-A20104  
ICX-ROYAL Dentin A2  
RYL-040-A30104  
ICX-ROYAL Dentin A3  
RYL-040-A35104  
ICX-ROYAL Dentin A3.5

2ml  
Composite / Dentin  
in the colours A1, A2, A3, A3.5  
Light and heat-curing composite,  
medium colour intensity, good opacity.



9  
RYL-040-S10104  
ICX-ROYAL Incisal S1  
RYL-040-S20104  
ICX-ROYAL Incisal S2  
RYL-040-S40104  
ICX-ROYAL Incisal S3

2ml  
Composite / Incisal  
in the colours S1, S2, S3  
Light- and heat-curing composite,  
weak shade intensity, very  
transparent



10  
RYL-040-000424  
ICX-ROYAL PMMA Primer  
2,5ml

Primer for PMMA  
A light-curing primer for PMMA cold and  
hot polymers and for resin denture teeth  
before veneering with light-curing com-  
posites. PMMA Prime is for extraoral use  
only.



11  
RYL-040-P00305  
ICX-ROYAL Glace-P(raxis)  
3ml

light-curing resin  
in practice  
A light-curing acrylic-based resin for  
crown and bridge technique for extra-  
and intraoral use. Free from methyl  
methacrylate.



12  
RYL-040-M00127  
ICX-ROYAL Base Minimix  
5ml

Composite in Minimix cartridge  
A dual-curing, flowable, tooth-coloured  
composite with excellent thixotropy  
for the attachment of acrylic teeth to  
metal, Peek and Pekkton® bases.

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## ICX-ROYAL<sup>®</sup> – Materials

ICX-Royal Dentin, Incisal and Gingiva are highly aesthetic FLOW composite materials. They can be modeled quickly and excellently. The ability to polish to a durable high gloss and the opal essence are an asset to the aesthetic, modern dental technique due to their excellent physical and handling properties.

These new ICX-Royal FLOW products are universal, light-curing composites that are ideally suited for anterior and posterior restorations due to their low shrinkage and high mechanical strength.

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## ICX-ROYAL® – Kits

1



RYL-041-KIT002  
ICX-ROYAL Starter Kit

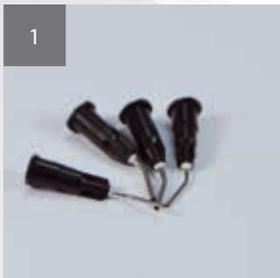
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RYL-041-KIT001  
ICX-ROYAL Professional Kit

## ICX-ROYAL® – Accessories

1



RYL-015-000G20  
ICX-Royal Needle Tips

2



RYL-015-Ph0010  
ICX-ROYAL Brush Holder  
incl. 10pcs. ICX-Royal  
Brush Tips

3



RYL-015-DB0050  
ICX-ROYAL Thimble  
Cup

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medical



# ICX-ROYAL®



item number	Article	Dimensions	Material	
C-003-000005	ICX-multi protection cap	Ø 4.8 L = 4.6mm	Titanium	
C-004-995461 C-004-995462	ICX-ROYAL Occlusion registration cap	5.4mm L = 6mm	Plastic	
C-005-040003	ICX-ROYAL Impression Cap, round	Ø 9.7 L = 5.9mm	Plastic	
C-005-040004	ICX-ROYAL Impression Cap, narrow	Ø 9.7 / Ø 9.58 L = 5.9mm	Plastic	
C-005-070004	ICX-ROYAL Impression posts, closed incl. impression cap, round	L = 8mm inkl. Kappe	Titanium	
C-005-070006	ICX-ROYAL Impression posts, closed i ncl. impression cap, narrow	L = 8mm inkl. Kappe	Titanium	
C-006-010007	ICX-multi model analog short, CAD/CAM	L = 11mm K 2.2mm	Titanium	
C-020-955120	ICX-ROYAL Welding structure	4.8mm L = 12mm incl. cap	Titanium	
C-020-955121	ICX-ROYAL Welding structure	5.1mm L = 10.5mm incl. cap	Titanium	
C-020-955122	ICX-ROYAL Welding structure	5.1mm L = 10.5mm incl. cap	CoCr Biodur CCM/BC	
C-020-956120	ICX-multi prosthetic abutment CoCr Biodur CCM/BC NEM castable	Ø 4.8mm L = 7mm	CoCr Biodur CCM/BC	
C-029-002010	ICX-multi adhesive base (for bars and plastic veneer bridges)	Ø 4.8 L = 5.5mm	Titanium	
C-029-002011	ICX-multi adhesive base GH 0mm, (for ceramic veneering bridges)	Ø 5.4mm, L = 5.5mm	Titanium	
C-030-000010	ICX-multi Scan Cap	L = 12.5mm B = 4.5mm T = 6.5mm	Peek	
C-015-100030	ICX-multi hexagonal instrument <b>SW 1.2mm</b> medium	SW 1.2mm	Stainless steel	
C-020-000001	ICX-multi insertion instrument <b>SW 3.2mm</b> for straight multi-bodies	SW 3.2mm	Stainless steel	

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## ICX – Cements



1  
C-050-000124  
ICX-Flow Cem  
5ml

### Dual-curing composite cement

A dual-curing composite cement for the luting of inlays, onlays, crowns, bridges and veneers. A permanent connection between superstructures made of metal, plastic, Peek and Pekkton® can be created with abutments.



2  
C-050-000867  
ICX-Implant Fix  
5ml

### Semi-permanent luting cement

Dual-curing, semi-permanent luting cement based on multifunctional methacrylates. ICX-Implant Fix is used to fix implant-supported crowns and bridges. The material shows good elastic properties and seals well due to a slight, controlled expansion.

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medical

X	Article-No.		Quantity
		<b>ICX CEMENTS</b>	
	C-050-000124	ICX FLOW CEM, dual-curing composite cement	
	C-050-000867	ICX IMPLANT FIX, semi-permanent luting cement	
		<b>ICX-ROYAL MATERIALS</b>	
	RYL-040-000425	ICX-Royal Metal Primer	
	RYL-040-L00611	ICX-Royal Opaquer-L(iquid)	
	RYL-040-A30611	ICX-Royal Opaquer-P(owder)	
	RYL-040-G10611	ICX-Royal Opaquer-G(ingiva)	
	RYL-040-P00305	ICX-Royal Glaze-P(ractice)	
	RYL-040-L00305	ICX-Royal Glaze-Lab	
	RYL-040-G10614	ICX-Royal Gingiva	
	RYL-040-A10104	ICX-Royal Dentin A1	
	RYL-040-A20104	ICX-Royal Dentin A2	
	RYL-040-A30104	ICX-Royal Dentin A3	
	RYL-040-A35104	ICX-Royal Dentin A3,5	
	RYL-040-S10104	ICX-Royal Incisal S1	
	RYL-040-S20104	ICX-Royal Incisal S2	
	RYL-040-S40104	ICX-Royal Incisal S3	
	RYL-040-000424	ICX-Royal PMMA Primer	
	RYL-040-A00127	ICX-Royal Base Automix	
	RYL-040-M00127	ICX-Royal Base Minimix	
		<b>ICX-ROYAL KITS</b>	
	RYL-041-KIT002	ICX-Royal Starter Kit	
	RYL-041-KIT001	ICX-Royal Professional Kit	
		<b>ICX-ROYAL ACCESSORIES</b>	
	RYL-015-000G20	ICX-Royal Needle Tips	
	RYL-015-Ph0010	ICX-Royal Brush Holder	
	RYL-015-DB0050	ICX-Royal Thimble Cup	

\*All prices in Euro plus VAT, until revoked (as of 01.04.19)

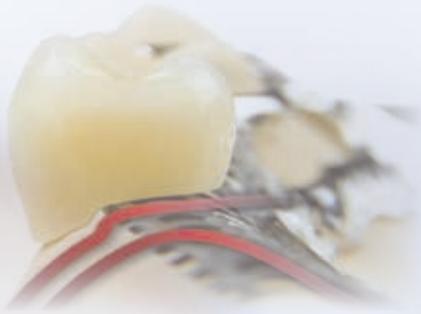
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Practice stamp/ last/first name/postcode/city

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**medentis<sup>®</sup>**  
medical

medentis medical GmbH

Walporzheimer Str. 48-52

53474 Bad Neuenahr/Ahrweiler, Germany

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# ROYAL

**SAVE TIME IN YOUR PRODUCT SEARCH**

**- BY DENTAL TECHNICIAN FOR DENTAL TECHNICIAN -**

**WITH ICX-ROYAL<sup>®</sup> YOU GET EVERYTHING FROM ONE SOURCE!**

Service-Tel.: +49 (0)2641 9110-0 · [www.medentis.de](http://www.medentis.de)

Mon-Fri: 7.30 to 7 pm

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