KM 2.0

THE NEW GENERATION OF KM MOUNTING MOULDS...

VERY SIMPLE
No more mould removal issues. The base uses easy to remove silicone

CLEAN
The silicone base is completely sealed.

ECO-FRIENDLY
The silicone base is reusable for less waste. Less resin is used for the concept.

ACCURATE
The sample diameter is always perfectly sized thanks to the precision ring.

100% TRANSPARENT
The ring retains maximum transparency: this way the sample target position is easily identified.

Compatible with all cold mounting resins.

SIMPLY...
REVOLUTIONARY!

PRESI

THE KM²·⁰ KIT

Easy to use, accurate and clean, the KM²·⁰ kit comes with 50 rings and 5 reusable silicone bases. Ring reload sets are also available.

This kit is compatible with all cold mounting resins.

REF.	KM MOULDS KIT	Ø
04048	Kit 50 KM rings + 5 bases	25mm
04049	Kit 50 KM rings + 5 bases	30mm
04050	Kit 50 KM rings + 5 bases	40mm

REF.	KM MOULDS RELOADS	Ø
04045	50 rings*	25mm
04046	50 rings*	30mm
04047	50 rings*	40mm

* For use with KM mould bases

RING

BASE

FOR USE WITH

● OPAQUE OR TRANSPARENT RESINS

KM resins are acrylic. They are composed of two parts, a powder and a liquid. Easy to use, these resins polymerise between 70 and 115°C.

MA2+, 2S and IP resins
These resins are composed of two liquid parts: the resin and its hardener. These resins are totally transparent and harden:
• at ambient temperature for MA2+, 2S and IP resins,
• in a vacuum and/or in an oven for IP resin.

OPAQUE RESINS	
KM-U (acrylic)	Control/General use with fast polymerisation
KM-V (acrylic)	Control/General use with fast polymerisation. Mineral loaded for reduced shrinkage
KM-EX (acrylic)	Hard materials, observation of sample edges, coatings and heat treated parts
KM-EM (acrylic)	Casting replicas of sample surface
KM-CO (acrylic)	SEM control or electrolytic polishing

TRANSPARENT RESINS	
MA2+ (epoxy)	Observation of edges, temperature sensitive materials, polymers, visual control of material removal
IP (epoxy)	Porous materials (e.g. mineral rocks, etc.), observation of edges, ideal for plasma deposits, electronic components
2S (polyester)	Control/General use for large quantity of samples to mount at one time
KM-U under pressure (acrylic)	Control/General use with fast polymerisation

● POLY'VAC: VACUUM IMPREGNATION SYSTEM

Poly'Vac provides for improved resin impregnation of porous materials using MA2+ and IP resins. Poly'Vac is controlled through a programmable touch screen with options for setting various levels of vacuum or cycle time (timer from one minute to several hours). It includes a resin dispenser.

Poly'Vac kit includes:
• 50 protection sheets
• 50 pipes
• 50 plastic nozzles

Accessories
53605
50 protection sheets
53606
Pipes and plastic nozzles (set of 50)

REF. 53600

PRESI IS ALSO…

CUTTING	MOUNTING	POLISHING	HARDNESS & MICROSCOPY	CONSUMABLES
ST 310	Mecapress 3	Mecatech 334	Microtech MX 1	Resins

FIND OUT MORE AT
WWW.PRESI.COM

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