



Willmann & Pein GmbH

Product catalogue for dental laboratory



*Don't fear Cast Partial's
enjoy working with*

Packaging

WP5100X	LiWaxer Set: LiWa I + II, 20 g each LiWa Cool, 200 ml LiWa Iso I + II, 10 ml each Akti Bond, 10 ml Finish Varnish, 10 ml Universal Isolant, 10 ml LiWa Form assortments LiWaxer wax-knife
WP5100NX	LiWaxer Set without wax-knife



LiWaxer Set

Packaging

WP5095	LiWa Iso, Step I+II 2 x 10 ml
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LiWa Iso

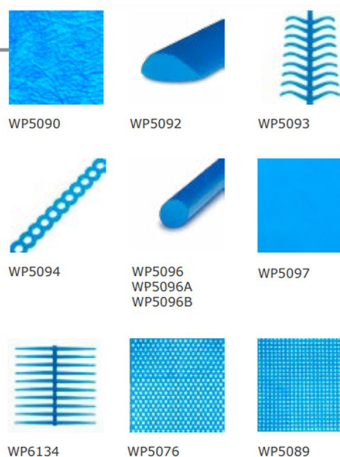
Isolating liquids for isolation of the master-model against the LiWa material.

Indications:

Two step isolation liquids for plaster-models

Packaging

WP5090	LiWA Form, 12 pcs. coarse-stippled plates
WP5092	LiWa Form, 30 pcs. L-jaw bars, approx. 4 mm
WP5093	LiWa Form, 10 x 18 pcs. Molar clasps
WP5094	LiWa Form, 12 pcs. perforated retentions
WP5096	LiWa Form, 30 pcs. wax-wire, 2 mm
WP5096A	LiWa Form 20 pcs. wax-wire, 4 mm
WP5096B	LiWa Form, 30 pcs. wax-wire, 1 mm
WP5097	LiWa Form, 12 pcs. plates without structure
WP6134	LiWa Form 5 x 20 pcs. Ring clasps
WP6135	LiWa Form, 10 pcs. coarse-stippled plate, large size, ca. 150 x 75 mm
WP5076	LiWa Form, 10 pcs. Retention grid, meshes, rounded holes
WP5089	LiWa Form, 10 pcs. Retention grid, meshes, squared holes



LiWa Form

Indications:

Modellations





LiWa-I LiWa-II, LiWa Pro, LiWa Flow, LiWa Dip

LiWa

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Packaging

WP5075	LiWa I modelling paste, 20 g
WP5073	LiWa II modelling paste, (harder consistence), 20 g
WP5023	LiWa Pro modelling paste fabrication of crowns, 15 g
WP5140	LiWa Flow, 2 ml

LiWa-I



LiWa II



LiWa Pro



LiWa Flow.



Light curing modelling material with strong, wax-like consistency and very low contraction values. LiWa could be "hot" modelled with an electrical wax-knife (e.g. LiWaxer) or also "cold" modelled with the fingers.*Modellations would be worked out directly onto the mastermodel, which saves not only time but also money, because there is no need for duplications. Modellations made of LiWa are polymerizing within shortest time with UV-light and provide extremely precized and accurately results. Polymerized modellations can problem-free be taken off and prepared with rotary instruments. They dispose of excellent recovery-attitudes and high flexibility. The large assortment of preformed LiWa parts and accessories and also the different, low-priced Sets for lots of application areas leave nearly nothing to be desired.

*Assumption for modelling LiWa-material with the fingers is the wearing of adequate protection-gloves as it is advised for working with acrylates.

Indications:

For all types of metal works: repairs, crowns, bridges, implant work

Packaging

WP6129	LiWa Dip, transparent 2 x 40 g in tubes
WP5088	LiWa Dip, red 2 x 40 g in tubes
WP5131	LiWa Dip, blue 2 x 40 g in tubes



LiWa Dip

Light curing dipping wax for producing wax caps, combined with dipping wax devices which simultaneous contain a temperature indicator.

Indications:

Light curing dipping wax

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Packaging

WP5074 | LiWa Finish Varnish, 10 ml



LiWa Finish Varnish

Surface sealing varnish for LiWa works.

Indications:

For smoothing and strengthening
LiWa-surfaces

Packaging

WP5082 | LiWa Akti Bond, 10 ml



LiWa Akti Bond

Indications:

Adhesive for better connectings

Packaging

WP5083 | LiWa Universal Isolant, 10 ml



LiWa Universal Isolant

Indications:

For use as isolation against
materials such as steel and plastics

Packaging

WP5079 | LiWa Cool, Spray 1 x 200 ml



LiWa Cool

Indications:

Cooling-spray for fast cooling of
"hot"-modelled LiWa-works. Free
of CFC.

Packaging

(50 pcs. in light-proofed box)

WP5001	upper-patterns, pink
WP5001A	lower-patterns, pink
WP5016	upper-patterns, blue
WP5016A	lower-patterns, blue
WP5034	upper-patterns, nature
WP5034A	lower-patterns, nature

Technical data

Viscosity expansion	14,0 - 19,0 mm
Daylight stability	approx. 20 min.
Flexible strength	> 100 MPa
Time of curing both sides (belongs to light-curing-unit)	3 - 5 min.
Plastically deformable without elastic components	
Warp resistant	



Plaque Photo

Light curing custom traymaterial, based on hybridcomposite. The highly crosslinked and always same properties allow a clean and fast work-out. Surplus material can be reused for other works (e.g. modelling a grip for the preformed tray) without any problems. Plaque Photo is quickly polymeri- zed with UV or halogenlight.

Indications:

Making of individual impression- and functional trays, occlusal registration, precized impression for part- or totalprosthetics

Packaging

WP5080	Doublident, 2 x 1000 ml Cat & Base, orange
WP5081	Doublident, 2 x 5000 ml Cat & Base, orange

Technical data

Mixing time	approx. 1/2 min.
Working time (mixing time incl.)	approx. 4 min.
Curing time at 23°C	approx. 30 min.
Reforming under pressure	approx. 19 %
Shrinkage	<0,05%
Left over of pressure preforming	<0,2%
Reproduction	<10 micron
Shore-A hardness	21/22
Colour	orange



Doublident

Doublident is a low-viscous floating additional curing vinyl (A)-pouring silicone for the precise pouring technique. Doublicates fabricated out of Doublident are tear-proof and good formable. In this case undercuts will not cause any problems. Due to this facts Doublident guarantees a minimum of shrinkage and a long lasting storagetime, plus multiple reforming.

Indications:

Pouring technique for plaster models

Packaging

WP5116	Light Bloc, blue, 1 x 4,5 g
WP5117	Light Bloc, nature, 1 x 4,5 g
WP5144	Light Bloc, blue, 2 x 4,5 g
WP5118	Light Bloc GF, green, liquid, 1 x 2 ml
WP5126	Light Bloc GF, green, liquid, 2 x 2 ml
WP5138	Light Bloc Advanced 1 x 3 g
WP5139	Light Bloc Advanced 2 x 3 g



Light Bloc

Light curing one-component plastic for model-preparation. Useable for blocouts of under cuts, construction and completion of prepared cores and models etc. Throughout its light curing properties a fast and exact use is guaranteed

Indications:
Bloc-out-material

Technical data

Depth of curing	max. 5 mm
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Packaging

WP5060	DUR-LAB-Sil, 2.600 g in plastic-container
WP5300	DUR-LAB-Sil, 5.000 g in plastic-container
WP5067	DUR-LAB-Sil, Paste 40 g in tube
WP5063	DUR-LAB-Sil, liquid 30 ml bottle



DUR-LAB-Sil

DUR-LAB-Sil is a very hard condensation cross-linked silicone with a very high thermal stability, especially made for using in the dental-laboratory. Very simple handling is guaranteed because DUR-LAB-Sil does not stick, has good dimension-stabilities and is very heat-resistant. DUR-LAB-Sil is to be used with hardener-liquid or with hardenerpaste.

Technical data

Shore-A hardness	+95
Heat resistance	up to 100°C

Indications:
Replica denture technique, protection of teeth when put in muffle



LiWaxer

Highlight easy

LiWa Light

Packaging

WP6110	1 LiWaxer modeling-station + modeling-awl + plunger-depot
WP5105	Replacement-tip (Awl)
WP5106	Replacement-tip (Knife)
WP5107	Replacement-tip (Blade)
WP5108	Replacement-tip (Spatula)
WP5109	Replacement Soldering Iron

Technical data

Measures (L/B/H)	100 x 65 x 55 mm
Voltage	220-240 V / 50-60 Hz
Plunger / Handpiece	12 V / 7.5 W
Variable temperature-adjustment	50°C - 350°C
Heating-control	LED

Optional accessories: 3 modeling-tips (blade, spatula, knife)



LiWaxer

Compact electrical waxknife for LiWa works with infinitely variable temperature-adjustment. It contains an ergonomically formed handpiece with easily to change modelling-tips and a slightly preheating-phase of only 20-30 seconds with 7.5 W.

Packaging

WP6002	Highlight Easy + 4 x 9 W UVA-bulbs
WP6006	Replacement bulb

Technical data

36 Watt	4 x 9 Watt UVA-bulbs
Times	120 sec. / 180 sec



Highlight easy

UVA-light curing unit (tunnelversion) for polymerization of light curing custom tray material. This unit contains a switch with two different preselected curing-times (120 sec. / 180 sec.).

Packaging

WP6018	LiWa Light, 1 pcs.
WP6006	Replacement bulb

Technical data

Operating voltage	230 V / 115 V
Power frequency	AC 50/60 Hz
Fuse link	1 A
Spectral range	UVA
Light source	2 PL-S 9W
Weight	2.8 kg
Size over all	8.8 x 13.5 x 28 cm

Self-starting ventilator for cooling of LiWa



LiWa Light

UV-light curing unit, especially designed for LiWa-works. The build-in ventilator cools the LiWa-material while polymerizing it. Therefore LiWa does not run off the model and a perfect polymerizing- result is guaranteed. LiWa Light could be timed with freely choosable times (secondly).