# univeCAST

**Poli3Dent Cast is a specially developed 3D printing resin for producing high-precision casting patterns used in dental metal casting. In combination with Univecast investment material, this validated system delivers excellent accuracy, dimensional stability, and repeatability, minimizing the risk of casting errors and ensuring consistently reliable results.**






Universal phosphate bonded casting investment material for crown and bridgework, as well as model casting technique by quick or progressive heating procedure and for pressable ceramics.

**Characteristics:** Universal application, one investment for model castings, combination works, as well as crowns and bridges.
Specially developed for casting non-precious dental alloys.
Casting is simple even with ringless technique.
For quick heating, place the cylinder into the furnace at the final burnout temperature and casting can commence within an hour; this allows considerable time savings.

**Intended use:** Universal phosphate-bonded investment material intended for the investment of wax frameworks and wax or 3D-printed crowns and bridges, and for the casting of dental alloys or pressing of dental ceramics.

**Packing:** 05904 Univecast powder - 6 kg (40 x 150 g)
05825 Polisol liquid - 1l bottle

PoliDent

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PoliDent

# poli3Dent

MODEL PRO - CAST - CLEANER

# poli3Dent CAST

## ADVANTAGES

- Fast and clean burnout
- High dimensional accuracy
- Complete burnout with no ash residue
- Low viscosity for easy handling and cleaning
- Precise reproduction of fine details
- High material stability with no sedimentation
- Validated compatibility with UniveCAST investment material
- Simplified digital workflow – eliminates manual wax modelling



Light-curing, (meth)acrylate-based resin developed for 3D printing high-precision, residue-free burnout patterns for dental metal casting.

**Characteristics:** PoliDent Cast offers excellent dimensional accuracy and precise reproduction of fine details. The resin is fully compatible with Asiga MAX UV 385 3D printers. When combined with UniveCAST investment material, this validated system delivers excellent casting accuracy, dimensional stability and repeatability, minimizing the risk of errors and ensuring reliable results.

**Intended use:** Production of burnout patterns for dental metal casting, including crowns, copings and bridges of up to six units.

**Color:** blue

**Packing:** 1 kg bottle (P3DC-PB1)

# poli3Dent MODEL PRO

## ADVANTAGES

- Low odour
- Relatively low resin viscosity
- High dimensional accuracy of printed models
- Excellent price-performance ratio



Light-curing, (meth)acrylate-based resin designed for the additive manufacturing of dental models. Suitable for DLP 3D printers.

**Characteristics:** Low odour, relatively low viscosity, high dimensional accuracy and excellent price-performance ratio.

**Intended use:** Production of dental working, study and presentation models, including models for the fabrication of thermoformed appliances. For professional use only.

**Color:** peach

**Packing:** 1 kg bottle (08201)

# poli3Dent CLEANER

## ADVANTAGES

- Concentrated formula – dilution ratio 1:4
- Reduced transportation and storage costs
- Alcohol-free
- No special storage requirements
- Not classified as a skin irritant
- Very low volatility
- Non-flammable under normal handling conditions




Concentrated, alcohol-free cleaning solution designed for dilution with water and effective removal of uncured resin residues from 3D-printed objects in an ultrasonic cleaning bath.

**Characteristics:** Low-volatility, low-odour liquid with excellent affinity for uncured (meth)acrylate-based resins. Its concentrated formula ensures efficient cleaning while reducing transportation and storage costs.

**Color:** transparent

**Packing:** 1 kg bottle (08202)