



## DIGITAL SOLUTION FOR TRADITIONAL *METAL COPINGS & FRAMEWORKS*

CADD Laboratories makes it easy for all labs to deliver trusted solutions through the digital workflow with CADD's growing range of digital lab products.

SLM, or Selective Laser Melting uses additive technology to produce extremely accurate substructures with less waste and shorter production time.

**CADD-SLM** is available in three type of alloys:

**CADD Non-precious SLM** - available for up to full mouth roundhouse.

**CADD Noble SLM** - available for up to 3 unit bridges.

**CADD High Noble SLM** - available for up to 6 unit bridges.

**CALL TODAY**  
**(661) 402-2804**



# CADD - SLM / METAL COPINGS AND FRAMEWORKS



CADD - SLM															
PRODUCT DESCRIPTION	AU	PD	AG	IN	GA	SN	RU	CO	CR	W	SI	MO	MN	NB	CTE
CADD - SLM / Non-precious ( <i>NP Prime</i> )								60.5	28	9	1.5		<1	<1	14.1 - 14.5
CADD - SLM / Noble ( <i>Noble Crown NF</i> )		25						45	20			10			14.4 - 14.8
CADD - SLM / Hi-Noble ( <i>Euro</i> )	40	39.4	10	8.8	1.4	<1	<1								14.1 - 14.4

## Design Specifications

- All undercuts will be blocked out prior to scanning
- Anterior bridge connectors will be 3 mm by 2 mm
- Posterior bridge connectors will be 3 mm by 3 mm
- Wall Thickness: 0.40 mm minimum
- Margin Thickness: 0.15 mm
- Margin Angle 65° degrees
- Non-precious alloys are recommended for up to a full mouth roundhouse
- Noble alloys are recommended for up to 3 unit bridges
- High Noble alloys are recommended for up to 6 unit bridges

## Fit Specifications

- Cement Gap: 0.03 mm (near margin)
- Extra Cement Gap: 0.06 mm (die spacer)

## What to Expect from a Finished CADD - SLM

- Occlusal surface may have small depressions
- Mechanically retentive texture inside coping
- Engraved with tracking number
- Cobalt based alloys have a greenish hue after degassing
- Arrive 80% - 90% finished
- Minor fit adjustments
- Internal surface may require additional internal grinding of particles and adjustment for fit (*Hi-Noble SLM only*)

NP Prime, Noble Crown NF and Euro are registered trademarks of the Argen Corporation.