

PRINTING GUIDE

Elos Accurate®
Open Digital Solutions



Model by DWS with Elos Accurate® Analog for Printed Models

A model analog specifically created for 3D printers

The PMA analog is available for the major implant platforms and colour coded according to the implant manufacturer.

The Elos Accurate Analog for Printed Models can only be installed in the correct position, has a press fit and is automatically centered in the model socket. If you still want to have an extra insurance of the safe seating, there is an optional special screw available for this purpose.

For a good result with the combination of this 3D printer and the Elos Accurate Analog for Printed Models, please follow the information in the chart:



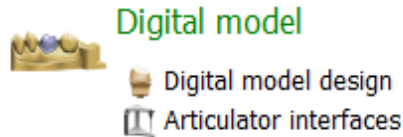
Printer	Material	Layer thickness	Support material	Post processing and Cleaning	Analog offset recommendation
XFAB 2500PD	Precisa RD097	50µm	Same material as model, support in some cases is not required.	<ol style="list-style-type: none"> 1. Remove eventual support. 2. Soak in a bowl with clean ethyl alcohol (95%) for 1 minute to remove excess resin. 3. Clean the model with clean ethyl alcohol (95%) and compressed air. 4. Let the printed models evaporate the alcohol in the air for 2-3 hours. 5. Put the printed models in DWS UV Curing Unit for 1 hour. 	R 0.005 - 0.01/ Ø 0.01 – 0.02
	Precisa RD-096GY	65µm			R 0.010 - 0.015/ Ø 0.02 – 0.03
XFAB 3500PD	Precisa RD097	60µm			R 0.005 - 0.01/ Ø 0.01 – 0.02
	Precisa RD-096GY	65µm			R 0.010 - 0.015/ Ø 0.02 – 0.03

* The information in the table should be used as a guideline. Always take into account the printer's condition and other aspects that may affect the quality of the print.

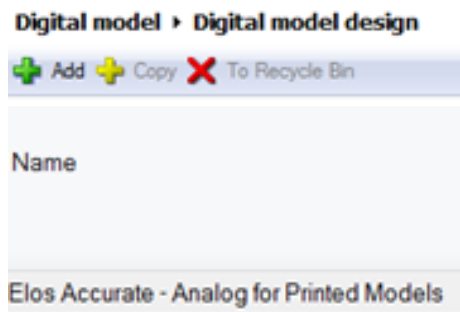
How to setup "Analog offset recommendation"

3shape

In the 3shape Dental System Control Panel, under Digital Model: Select Digital Model Design



In Digital Model Design: Select an existing or create a new file to add the desired values for your printer



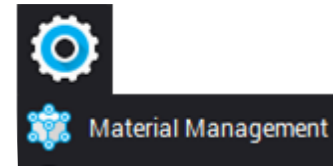
Under the Model and Manufacturing tab, the relevant setting for the Elos Accurate Analog for Printed Models are the ones listed below:

- Number of Analog Friction Bars = Always "0"
- Analog to Model Spacing (mm) = the value suited for your printer
- Protect Analog (soft tissue) = Always "True"
- Protect Analog Distance (mm) = No less than 0.6mm

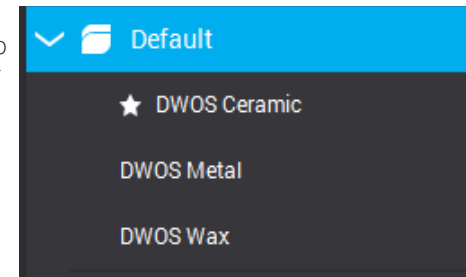
Number of Analog Friction Bars	Analog to Model Spacing (mm)	Protect Analog (soft tissue)	Protect Analog Distance (mm)
0		True	0.6

dental wings

In the DWOS Client software: Click on the settings icon to access the material management

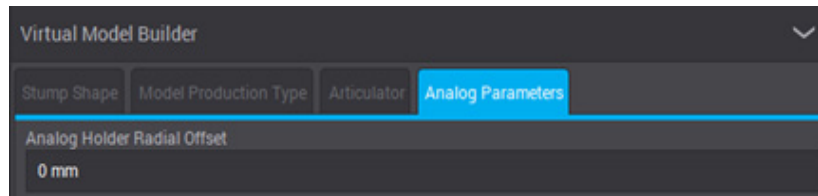


In the Material management: Select the material file you wish to add the settings to or create your own



In the selected material file: Select the Virtual Model Builder section and click on the Analog Parameters tab.

In the Analog Holder Radial Offset: Enter the desired value to suit your printer.



exocad

In the Plateless Model Design, under settings: adjust the slider in the Horizontal offset.

