Release notes for

Elos Accurate® Library

Elos Accurate® Library – v7.0.0

Library exported to 3shape Dental manager 2016

December 2017

Content:

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Elos Accurate® Library – v7.0.0

Elos Accurate® Hybrid Base™ Bridge - new platforms added

The Elos Accurate Hybrid Base Bridge library has been expanded with 10 new platforms. We are continuously working on more.

Nobel Replace®

- 3.5 NP
- 4.3 RP
- 5.0 WP
- 6.0

Astra Tech™ Uni Abutment

- 20°
- 45°

Zimmer Screw-Vent®

- 3.5
- 4.5
- 5.7

Camlog® Bar Abutment

- 4.3

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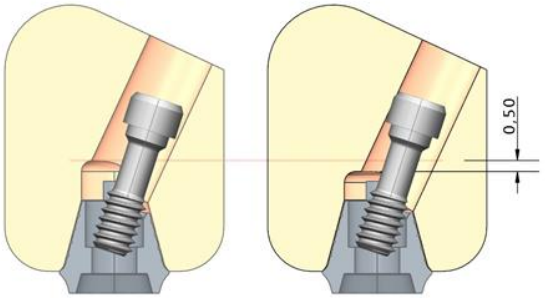
Elos Accurate® Library – v7.0.0

Elos Accurate® Hybrid Base Bridge - optimized angulation

In Elos Accurate Library version 7.0.0 the angulation of HBB has been optimized with an improved inner geometry and pivot point. The height of the inner geometry has been increased by 0.5 mm and the diameter of screw channel has been increased with 0.2 mm to ease the accessibility of the screw through the screw channel.



Below chart shows how much specific systems can be angulated without having to grind the zirconia afterwards. In the library all systems are limited to max. 28°.

System	Angle
Nobel Biocare® Active/Conical Connection 3.5 NP	20°
Nobel Biocare® Active/Conical Connection 4.3/5.0 RP	15°
Nobel Biocare® Active/Conical Connection 6.0 WP	20°
Nobel Biocare® Brånemark System® NP	28°
Nobel Biocare® Brånemark System® RP	28°
Nobel Biocare® Brånemark System® WP	28°
Nobel Replace® 3.5 NP	15°
Nobel Replace® 4.3 RP	10°
Nobel Replace® 5.0 WP	10°
Nobel Replace® 6.0	10°
Nobel Biocare® Multi-Unit (MUA) NP/RP	28°
Nobel Biocare® Multi-Unit (MUA) WP	28°
Straumann® Standard RN	28°
Straumann® Standard WN	28°
Screw-retained Abutment for Straumann® Bonelevel 3.5	28°
Screw-retained Abutment for Straumann® Bonelevel 4.6	28°
Straumann® Bone Level NC	28°
Straumann® Bone Level RC	28°
Astra Tech Implant System™ Uni Abutment 20°	28°
Astra Tech Implant System™ Uni Abutment 45°	28°
Astra Tech Implant System™ Uni Abutment EV 33°	28°
Dentsply Ankylos® Balance Base	28°
Zimmer Screw-Vent® 3.5	10°
Zimmer Screw-Vent® 4.5	10°
Zimmer Screw-Vent® 5.7	10°
Camlog® Bar Abutment	28°

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Elos Accurate® Hybrid Base™ Kit - new platforms added

The library for Elos Accurate Hybrid Base Kit used for screw-retained single restorations and cement-retained single and bridge restorations has been expanded with the following platform.

Nobel Biocare® Active/Conical Connection

- WP

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Elos Accurate® Library – v7.0.0

Bar & Bridge in one-piece - new platforms added

The Bar & Bridge library has been expanded with the following platforms.

Nobel Biocare® Active/Conical Connection

- WP

Astra Tech™ Uni Abutment

- 20°
- 33°
- 45°

Camlog® Bar Abutment

- 4.3

Screw-Retained Abutment for Straumann® Bone Level

- 3.5
- 4.6

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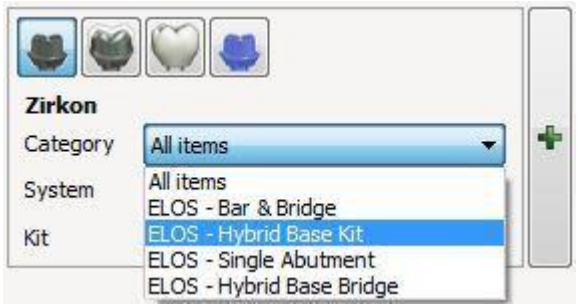
New simplified library structure

The 7.0.0 library update presents a new simplified library structure to improve the workflow with the Elos Accurate Libraries.

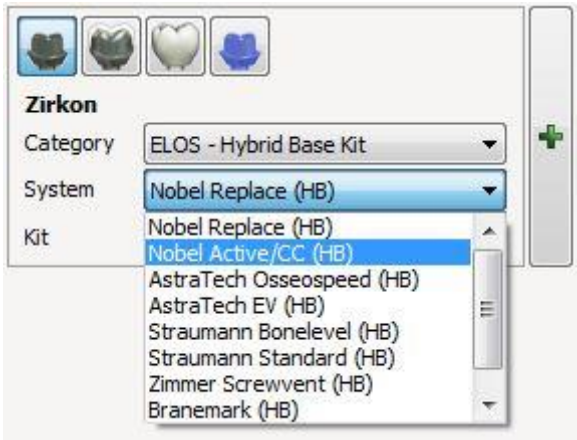
Instead of categorizing the implant systems by Scan Body type as previous, we have now created a product type category system going from 11 to 4 categories. Both Desktop and Intra Oral scan bodies are now placed together in the same implant kit. Simply just chose the relevant scan body during the alignment phase.

The intended workflow with the new library structure is to choose the restoration type from the **Category** drop down list form the 3shape order form.



The new product based category list

Then select the desired platform from the **System** drop down list.



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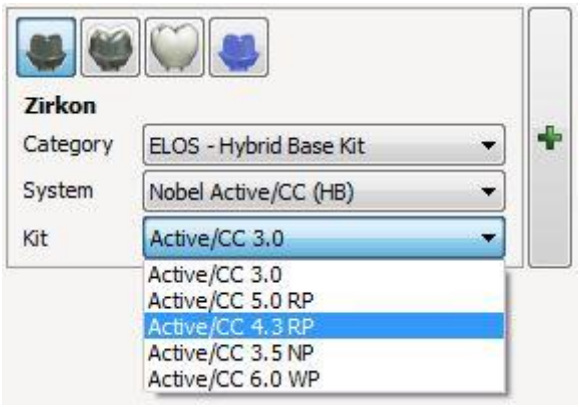
Elos Accurate® Library – v7.0.0

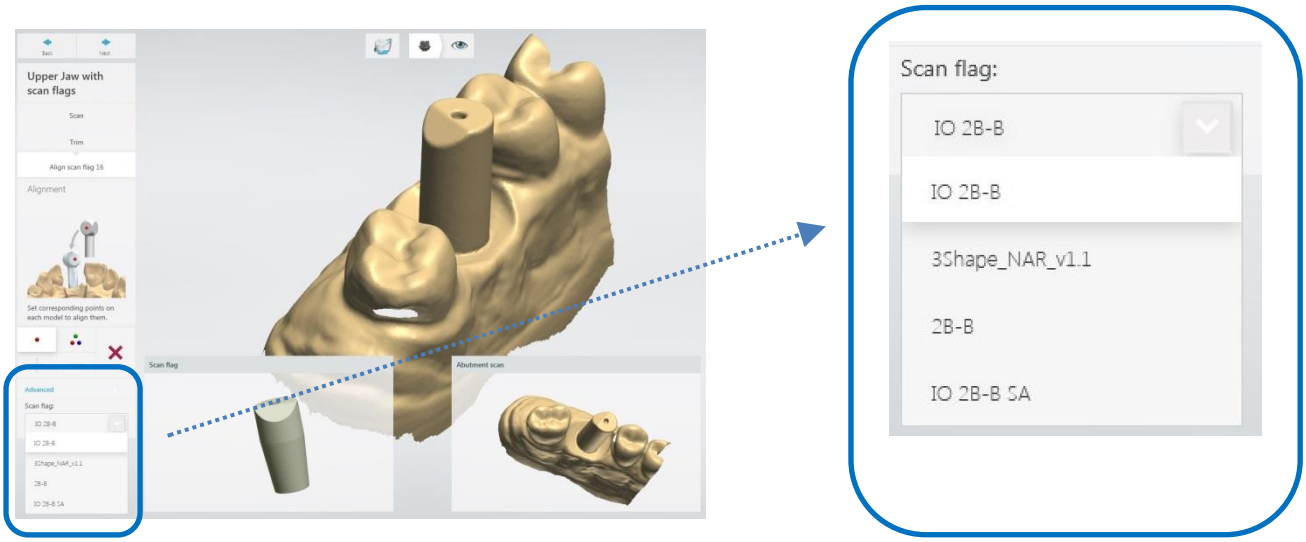
New simplified library structure - continued

Select the platform size by using the **Kit** drop down list.



In this example we have chosen an Elos Accurate Hybrid Base Single for Nobel Active/CC 4.3 RP without taking the type of scan body into consideration.

During the alignment phase of the scan bodies, it is now possible to choose the desired scanbody from the **Scan flag** drop down list.



Note that the 3shape scan body is now a part of Elos Accurate Library.

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Elos Accurate® Library – v7.0.0

New simplified library structure - continued

The multiple scanbody option in 3shape is only supported by the **ScanItDental** software, not the ScanItRestoration.

See the below chart for information regarding your scanner and software compatibility.

Scanner support by scanning software	ScanItRestoration	ScanItDental	Occlusion setup tool support (based on ScanSuite)
D1000, D2000, E1, E2, E3	✗	✓	✓
D500, D700*, D710*, D750, D800, D810, D850, D900, D900L	✓	✓	✓
D250, D640, D700**, D710**	✓	✗	✗

* higher than serial number: d/c0915xxxx
** lower than serial number: d/c0915xxxx

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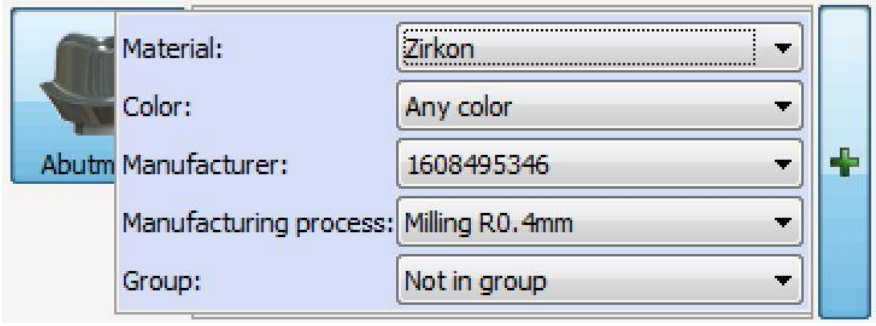
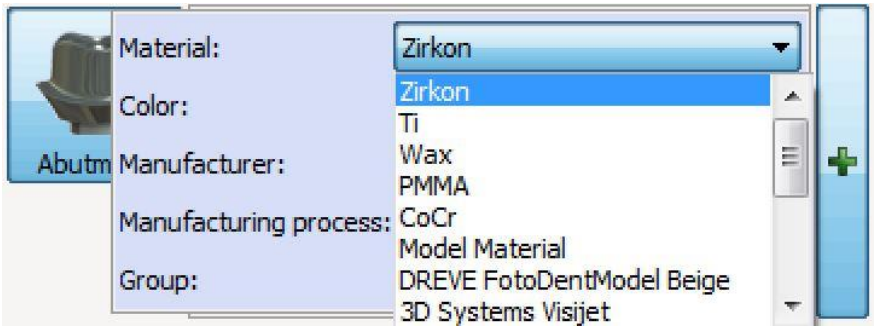
Material files

The pre chosen material files in the Elos Accurate Library has been removed from the version 7.0.0. This will by default enable the use of the already installed material files in all Elos Accurate Libraries.



All available material files will be displayed by hoovering over the green plus sign in the order form and choosing the Material drop down list – not only Elos Accurate material files.



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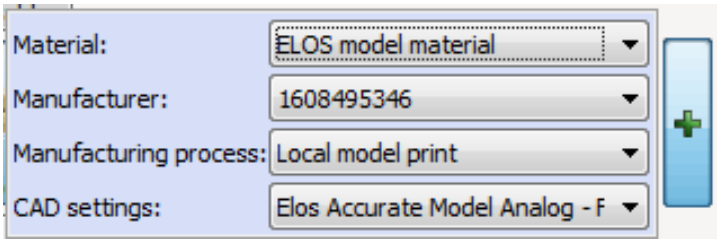
Elos Accurate® Library – v7.0.0

3D print settings for Elos Accurate®

The v7.0.0 library contains a "Digital model design" file with pre-defined settings for the Elos Accurate® Model Analog, designed for use with the FormLab2 printer and the Dental Model resin. The file is preliminary, it is necessary to fine adjust the settings to suit the specific printer.

Make sure to select the ELOS model material in the material settings for Model to enable pre-defined CAD settings for local printing.

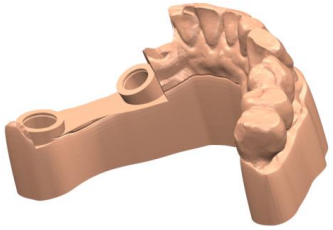


The image below shows the important settings in the "Digital model design" file relevant for the Elos Accurate Model Analog. If a tighter or looser fit of the model analog is required, then only adjust the "Analog to Model Spacing" value. It is important to keep the "Number of Analog Friction Bars" value at 0.

Name	Analog Friction bar overlap (mm)	Number of Analog Friction Bars	Analog to Model Spacing (mm)	Analog hole level adjustment (mm)	Protect Analog (soft tissue)	Protect Analog Distance (mm)
Elos Accurate Model Analog - FormLab2	0.020	0	0.020	0.000	True	1.000

Always use the Protect Analog feature with Elos Accurate Model Analogs, we recommend a minimum thickness of 1mm.

Elos Medtech's intention is to eventually offer the same preliminary settings to a wide variety of printers on the market.



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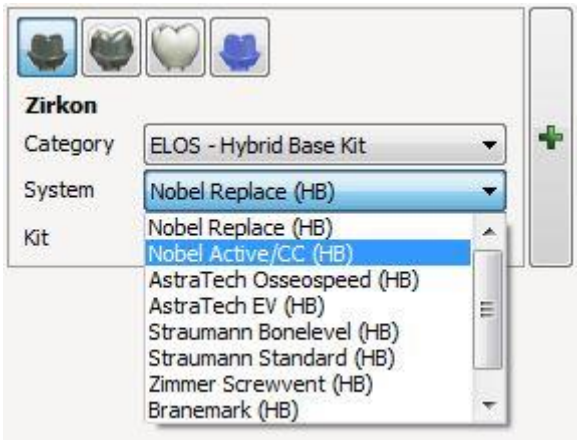
Abbreviations in Elos Accurate®

We introduce an abbreviations system within the v7.0.0 library, to enhance the usability of the Elos Accurate Library. After the system name an abbreviation will be shown in brackets, informing of which category the different systems belong to.

The schema below shows the different abbreviations introduced:

Elos Accurate® Hybrid Base™ Bridge	HBB
Elos Accurate® Hybrid Base™ Kit	HB
Single Abutment	SA
Bar & Bridge	BB



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