2016-12-29 - HPOxygen Server Beta 3.21.6

Reports

1. Corrected mass is now displayed in the reports as two values, namely, with 2-digit and 4-digit precision.

Reported in	Section	Units	Bookmarks
All reports (all cuts)	Top	ct	CORRECTED_MASS_2 (2 digits, previously existing bookmark)
			CORRECTED_MASS_4 (4 digits, new bookmark)

ILLUSTRATED REPORT FOR BRILLIANT

Polished Brilliant   29.12.2016

Model	Refined scan
Expert name	
Scale weight, ct	
Corrected mass, ct	1.56, 1.5621
Measurements	7.369 (7.347 -7.392) x 4.483 /0.002 mm
Spread	-0.08 ct, -5.64 %
AGS Spread	-0.09 ct, -5.88 %
Girdle / Nat	1

Full Report for Brilliant

General Information

Model	Refined scan	Extra Facet Girdle (steep/shallow)	1 (0/1)
Expert name		Extra Facet Crown	No
Report date	29.12.2016	Extra Facet Pavilion	Yes (1)
Scale weight, ct		Appraiser title	GIA Facetware
Model mass, ct	1.56, 1.5645	Overall cut quality	VG
Corrected mass, ct	1.56, 1.5621	Symmetry appraiser title	GIA Facetware
Spread	-0.08 ct, -5.64%	Overall symmetry quality	VG
AGS Spread	-0.09 ct, -5.88%	Density, g/cm3	3.51524
Girdle height method	GIA	Rake Girdle angle, °	75.0
center method	Girdle center mass	Final Grade	VG

Standard Report

Settings   Print

Cutting type	Brilliant	Model	Refined scan
Spread	-0.08 ct, -5.64 %	Scale weight, ct	
Extra Facet Girdle / Nat	1 (0/1)	Corrected mass, ct	1.56, 1.5621
Cut appraiser	GIA Facetware	Cut grade	VG
Symmetry appraiser	GIA Facetware	Sym grade	VG
Model building info		Final grade	VG

2. Scale Weight is now displayed in the reports with the same precision as it was entered, up to 5 decimal digits.

Input Stone Properties

Please enter Stone ID and Scale weight before scanning

Stone ID: D-00215-001

Use Ctrl+Tab shortcut to increment Stone ID.

Scale weight: 0.85575 ct

OK   Cancel

ILLUSTRATED REPORT FOR BRILLIANT
Polished Brilliant   29.12.2016

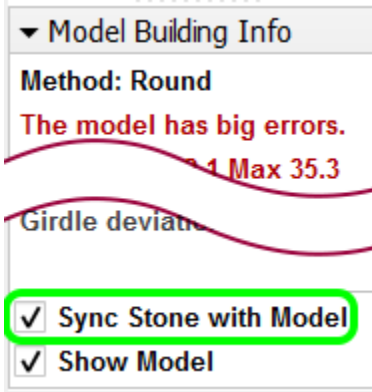|	
Model	Shadow scan
Expert name	
Scale weight, ct	0.85575
Corrected mass, ct	0.85, 0.8552
Measurements	6.018 (6.002 -6.035) x 3.798 /0.001 mm
Spread	-0.05 ct, -5.98 %
AGS Spread	-0.05 ct, -6.35 %
Extra Facet Girdle / Nat	5 (1/4)

Interface

1. **Sync Stone with Model** check box is made checked by default.

   ▼ Model Building Info
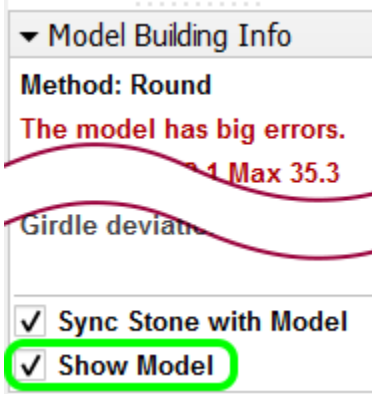
   Method: Round

   The model has big errors.

   ...1 Max 35.3

   Girdle deviati...

   ☑ **Sync Stone with Model**
   ☑ **Show Model**

2. **Show Model on Photo** check box is renamed to **Show Model** (since it applies not only to Photo view, but also to Scanner view) and made visible in all views.

   ▼ Model Building Info

   Method: Round

   The model has big errors.

   ...1 Max 35.3

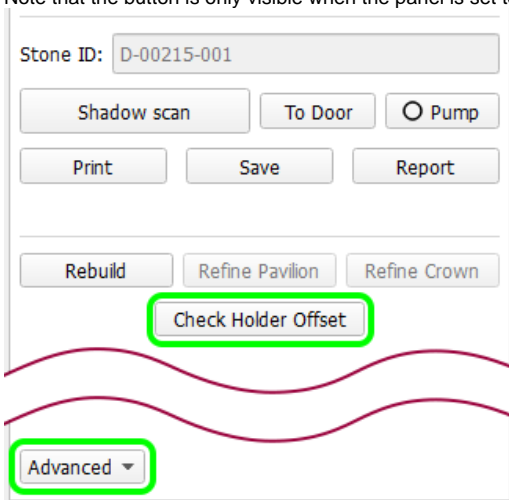   Girdle deviati...

   ☑ **Sync Stone with Model**
   ☑ **Show Model**

   ⚠ Note that while you are in Model view, unchecking **Show Model** does not make the model disappear.

3. **Check Holder Offset** button is added to the Scan panel.
   Normally an offset check is done automatically, so this button is not needed. Use it if you want to run an extra check.
   Note that the button is only visible when the panel is set to Advanced mode.

   Stone ID: D-00215-001

   | Shadow scan | To Door | ○ Pump |

   | Print | Save | Report |

   | Rebuild | Refine Pavilion | Refine Crown |

   Check Holder Offset

   Advanced ▼

Bugfixes

- Facet numbering in Comparative reports is fixed.
- Table edge calculation in a Round brilliant with extra facets is fixed.
- Occasional difference between HP Pacor and HPOxygen in facet type recognition on step cuts with extra facets is fixed.
- Occasional shift in facet numbering for Round brilliant is fixed.