



**EyeSuite™**

**i 8.0.0 and newer  
Connect to Holladay IOL  
Consultant**

**Tips & Tricks**

## Connection of EyeSuite to Holladay IOL Consultant

### Preface

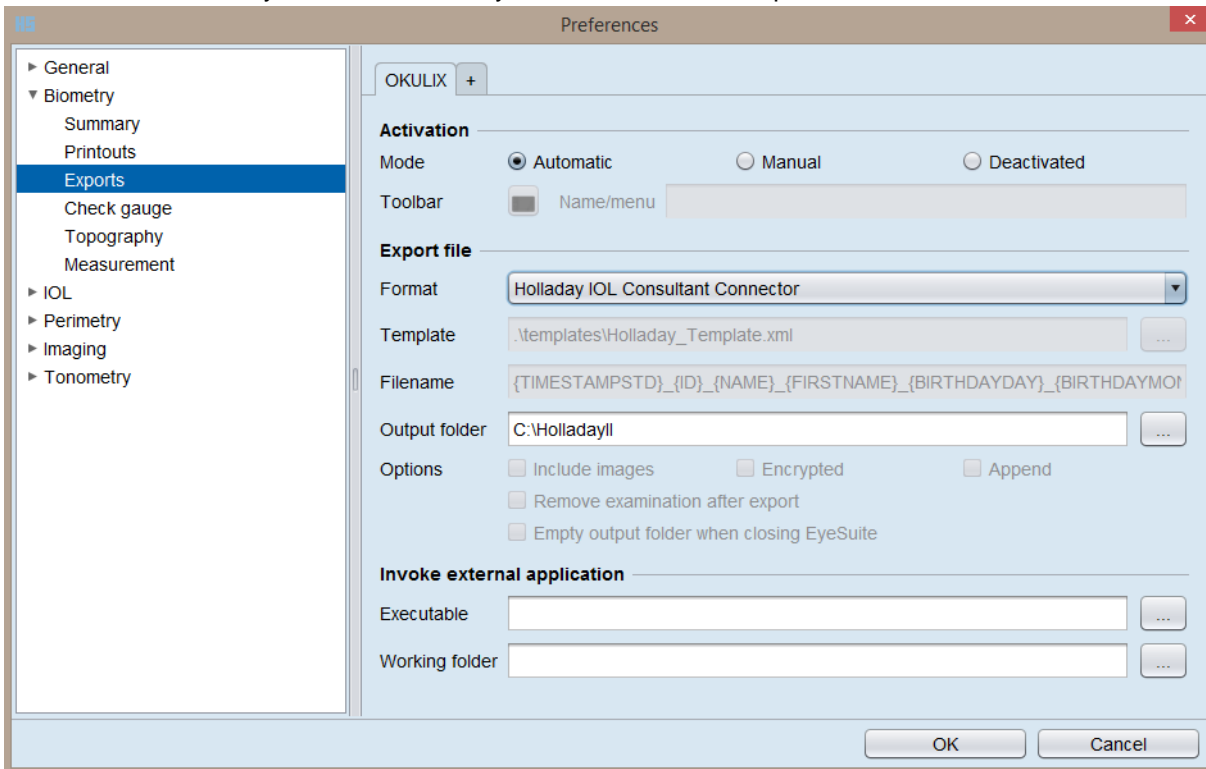
EyeSuite is able to connect to third party IOL calculation software. In this case EyeSuite is acting as a pure provider of measurement data to the third party software. Haag-Streit is not liable for any output of the third party software.

The Holladay IOL Consultant & Surgical Outcomes Assessment is a "smart" database program that automatically minimizes a surgeon's prediction error for intraocular lens power calculations every time postoperative results are entered. The program can handle an unlimited number of IOL's, surgeons and patients.

(Source: [www.hicsoap.com/](http://www.hicsoap.com/))

### EyeSuite settings for Holladay IOL consultant

To connect to Holladay IOL Consultant, EyeSuite should be set-up as follows:



### Activation

Mode: Should be set to Automatic

### Export file

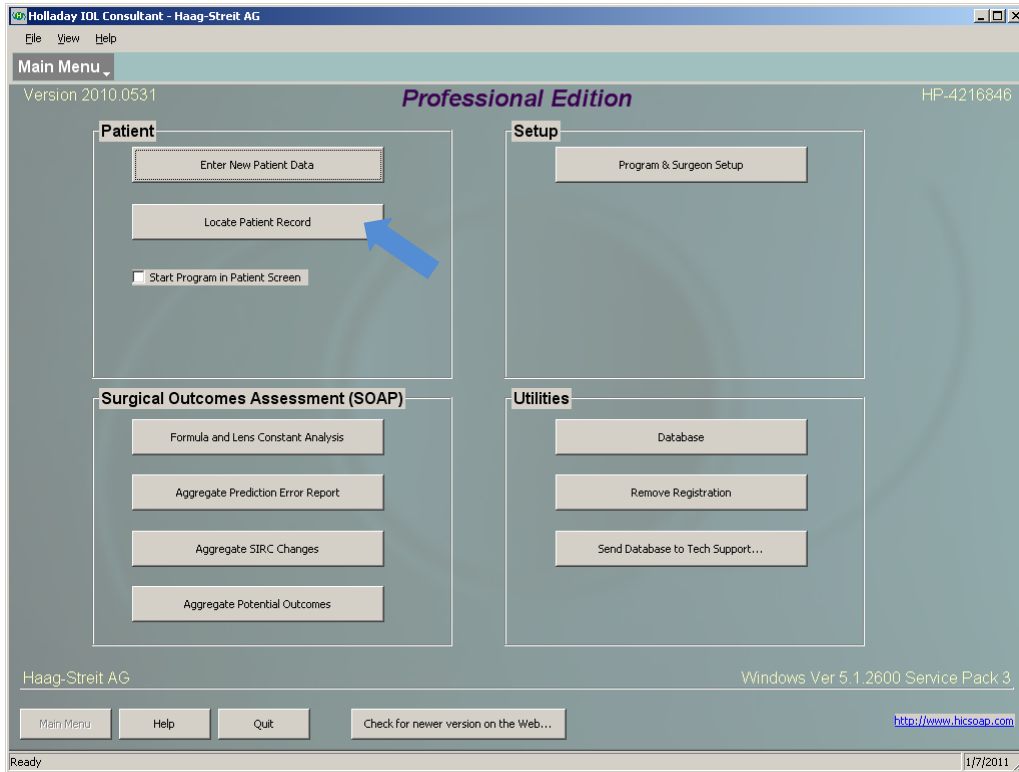
Format: Select Holladay IOL Consultant Connector from the list. This is going to setup all parameters for direct connection to Holladay IOL Consultant.

EyeSuite is now set to export all **new** exams taken to the export folder for the Holladay IOL Consultant. If you want to export existing exams to Holladay IOL Consultant see section "How to export existing exams" later in this Tips & Tricks.

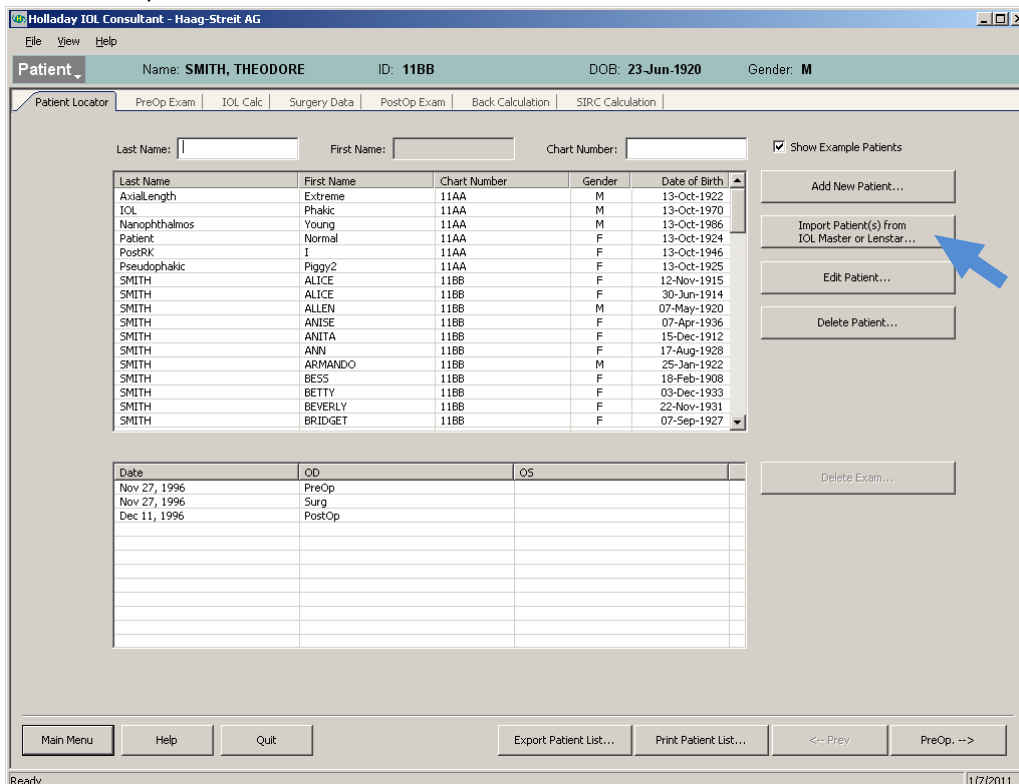
## Settings in the Holladay IOL Consultant

To connect to Holladay IOL Consultant, an import directory has to be specified in the Holladay IOL Consultant:

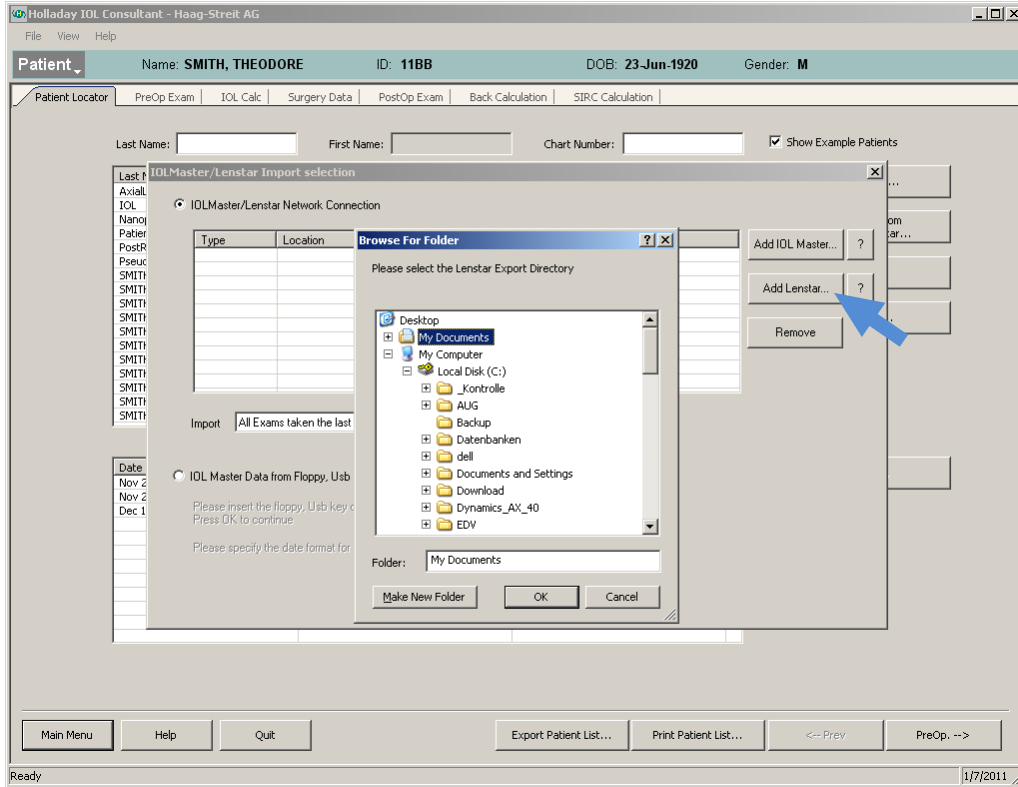
- 1.) Start Holladay IOL Consultant
- 2.) Click on “Locate Patient Record”



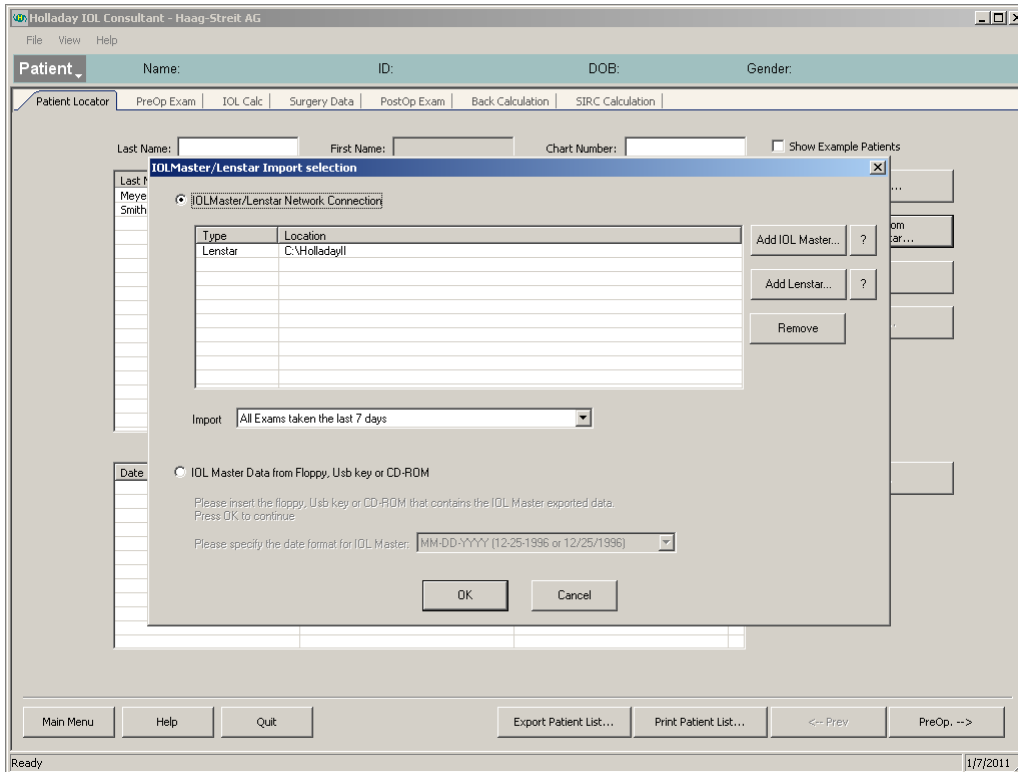
- 3.) Click on “Import Patients form IOL Master or Lenstar...”



4.) Click on “Add Lenstar...”



5.) Select the data export folder defined in EyeSuite for the export to Holladay IOL Consultant. The default is C:\HolladayII



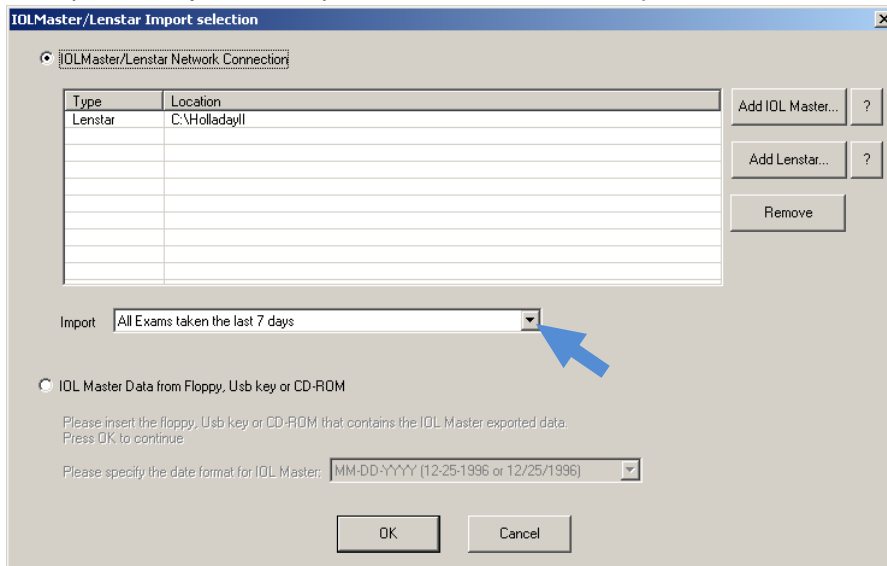
The system is now set to import any biometry measurement taken by LENSTAR into the Holladay IOL Consultant.

## EyeSuite and Holladay IOL Consultant, how it works.

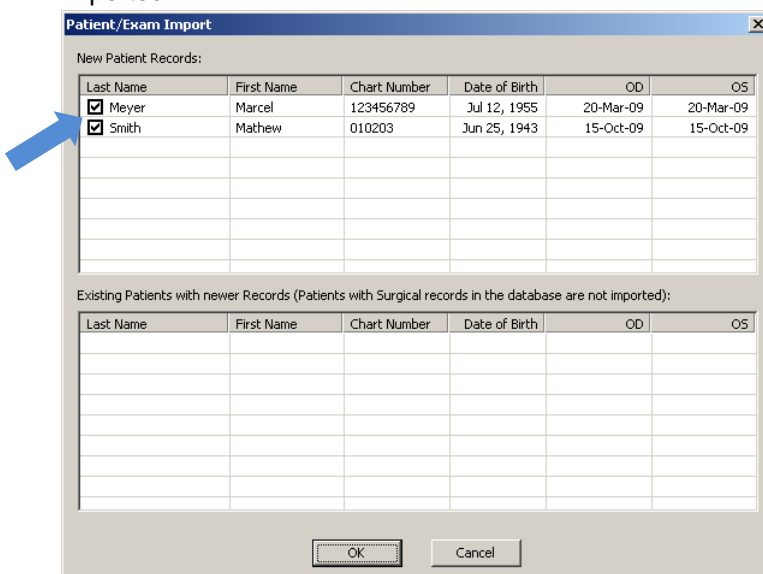
After setting up EyeSuite as described earlier, all **new** exams are automatically exported to the export folder for the Holladay IOL Consultant.

To import exams perform the following steps:

- 1.) Start Holladay IOL Consultant
- 2.) Click on "Locate Patient Record"
- 3.) Click on "Import Patients form IOL Master or Lenstar..."
- 4.) Select the time frame, measurements have been taken, to be imported. If all exams to be imported have been taken in the last week the default "All Exams taken in the last 7 days" is good. If elder exams should be imported, adjust the respective selection under "Import".



- 5.) Holladay IOL Consultant displays a list of the available measurements form the selected timeframe, that have not been imported yet. Unselect individual patients if only a subset of the data available should be imported.

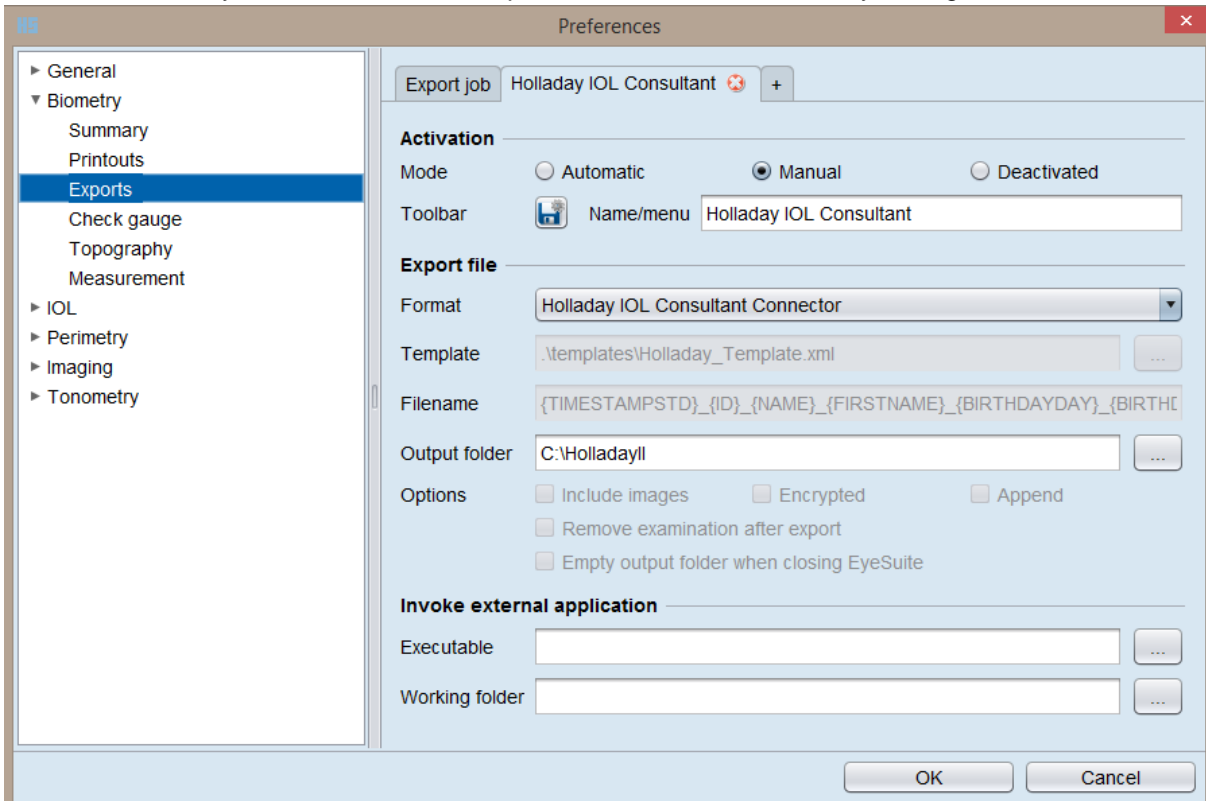


7.) Click on “OK” to import the selected data sets.

## How to export existing exams


To export exams taken before the first connection to the Holladay IOL Consultant has been established, proceed as follows:

Besides of the automatic export, a 2<sup>nd</sup> manual export should be created. To create a 2<sup>nd</sup> export click on the “+” Tab in the Biometry Preferences for the Export. Please find the necessary settings below:



### Activation

Mode: Should be set to Manual

Toolbar: Select an icon to be displayed in EyeSuite for this manual export. If no selection is made the default icon for exports is going to be used. Default export icon: 

Name/menu: Name the export Holladay IOL Consultant

### Export file

Format: Select Holladay IOL Consultant Connector form the list. This is going to setup all parameters for direct connection to Holladay IOL Consultant.

After setting up the manual export as described above an export button is going to be available in the measurement overview screen of EyeSuite. To send the biometry data acquired before the automatic export to Holladay IOL consultant has been established, simply call the respective biometry measurement and click on the export button.

To import the elder biometry data into Holladay IOL Consultant, please consider that the option “All Exams (This may take a long time)” might be necessary form the import pull-down menu in the Holladay IOL Consultant.

HAAG-STREIT EyeSuite™ - Demo

File Edit View Biometry IOL Perimetry Imaging Tools ?

TEST-08, TEST, IOL OD Great Images, 01.01.1938

Patient / Worklist Management LS900 27.05.09 1

**Export button:**  
to export measurements  
taken before the  
automatic export to  
Holladay IOL Consultant  
has been established

Clicking on measured value opens the detail view

**OD**  
Right Eye

Measuring mode	Mode	Pseudophakic default IOL	Left Eye	Right Eye
Axial length	AL	23.50 mm	±0.014 mm	±0.014 mm
Cornea thickness	CCT	506 µm	±0.7 µm	±0.9 µm
Aqueous depth	AD	4.07 mm	±0.009 mm	±0.004 mm
Anterior chamber depth incl...	ACD	4.57 mm	±0.010 mm	±0.004 mm
Lens thickness	LT	0.63 mm	±0.000 mm	±0.012 mm
Retina thickness	RT	200 µm	±0.0 µm	±0.0 µm

Flat meridian	K1	44.23 D @ 75 °	±0.072 D	43.67 D @ 88 °	±0.256 D
Steep meridian	K2	45.18 D @ 165 °	±0.044 D	45.27 D @ 178 °	±0.082 D
Astigmatism	AST	0.88 D @ 165 °	±2.6 °	1.60 D @ 178 °	±1.5 °
Keratometric index	n	1.3375		1.3375	

White to White	WTW	11.75 mm	±0.039 mm	11.99 mm	±0.033 mm
Iris barycenter	ICX	-0.38 mm	±0.049 mm	0.35 mm	±0.032 mm
	ICY	0.21 mm	±0.042 mm	0.20 mm	±0.036 mm

Pupil diameter	PD	6.72* mm	±0.027 mm	6.78 mm	±0.023 mm
Pupil barycenter	PCX	-0.21* mm	±0.052 mm	0.22 mm	±0.001 mm
	PCY	0.32* mm	±0.031 mm	0.33 mm	±0.046 mm

Images show show

\* Value user-defined, \*\* System constant

Analysis: 12, standardized

Date: 27.05.09  
Time: 22:50  
Duration: 4 Min

Device: LS 900  
SNO: 21  
Firmware: 1.1.0

