PRECITEC

6 - S1b Souvis1 result interface – without HeightDiff

■ **Description**

Prepares and filters the results of gap position and gap width, and sends the filtered results to the Souvis6000 interface.

■ **Icon**

SOUVIS 1
2x

6 S1b Souvis1 result interface - without HeightDiff
Filter edge position and gap width and transfer the results to Souvis6000 interface.

■ **Parameters**

Filter Groups of 6 S1b Souvis1 result interface - witho... ◀

G15 Gap Position

G16 Gap distance

G15 Gap Position

Filters of
G15 Gap Position ◀

01 Filter Y position Median

01 Offset y micrometer

02 Filter Y position Mean

**Attributes of
01 Filter Y position Median**

Filter length   N values

   —   3   +

Parameter	Comment
Filter length	The single image Y position value is filtered with a **median filter** over the given number of (old + the actual one) images. [Images]

**Attributes of
01 Offset y micrometer**

Number

0.000

Parameter	Comment
Number	Constant offset of found gap position. [μm]

**Attributes of
02 Filter Y position Mean**

Filter length   N values

   —   5   +

Maximal jump.

0.600 (100'000.000)

Parameter	Comment
Filter length	The single image Y position value is filtered with a **mean filter** over the given number of (old + the actual one) images. [Images]
Maximal jump	If the distance of the Y position in the actual image to the old mean Y position is bigger than 'Maximal jump', the new value for the mean filter is reduced to 'Maximal jump'. [mm]

G16 Gap distance

Parameter	Comment
Filter length	The single image gap width value is filtered with a **mean filter** over the given number of (old + the actual one) images. [Images]
Maximal jump	If the difference of the gap width in the actual image to the old mean gap width is bigger than 'Maximal jump', the new value for the mean filter is reduced to 'Maximal jump'. [mm]

Parameter	Comment
Filter length	The single image height difference value is filtered with a **mean filter** over the given number of (old + the actual one) images. [Images]
Maximal jump	If the difference of the height difference in the actual image to the old mean height difference is bigger than 'Maximal jump', the new value for the mean filter is reduced to 'Maximal jump'. [mm]

- **Measured values for plotter**

111	-xxx … +xxx	S6K Edge position
112	0 … xxx	S6K Gap width

- **Subgraphs interface**

IN bridges   **OUT bridges**

◧ **value**	Gap width mm		
	Mismatch mm		
	Ypos cam mm		
	Offset Y um		
	Rank		

- **Graph block diagram**