



6 - S1a Souvis1 result interface

■ Description

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

■ Icon



6 S1a Souvis1 result interface

Filter edge position, gap width and height difference and transfer the results to Souvis6000 interface.

■ Parameters

Filter Groups of 6 S1a Souvis1 result interface




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

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

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

Attributes of
02 Filter Y position Mean

Filter length
N values

Maximal jump.

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

Filters of
G16 Gap distance

01 Filter gap width Mean
 01 Filter height difference Mean

Attributes of
01 Filter gap width Mean

Filter length N values

Maximal jump.

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]

Attributes of
01 Filter height difference Mean

Filter length N values

Maximal jump.

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
114	-xxx ... +xxx	S6K Mismatch

■ Subgraphs interface

IN bridges

OUT bridges

 value	Gap width mm Mismatch mm Ypos cam mm Offset Y um Rank		
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■ Graph block diagram

