6 - S11 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 S11 Souvis1 result interface
Filter edge position, gap width and height difference and transfer the results to Souvis6000 interface.

- **Parameters**

Filter Groups of 6 S11 Souvis1 result interface

G15 Gap Position

G16 Gap distance

G15 Gap Position

Filters of
G15 Gap Position ◀

  01 Filter Y position Median

  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
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

**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

—   1   +

Maximal jump.

0.300 (100'000.000)

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

—   1   +

Maximal jump.

0.800 (100'000.000)

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		

- **Graph block diagram**