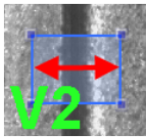PRECITEC

2 - S32 ROI Grey moving V2

- **Description**

Definition of two rectangles of ROI (**R**egion **O**f **I**nterest) for setting

- a large ROI which contains a small "moving ROI"
- a small "moving ROI" for the grey image seam search depending on the last found seam position

- **Icon**

2 S32 ROI Grey moving V2
dynamic grey ROI based on last found position

- **Parameters**

Filters of
2 S32 ROI Grey moving V2

- 01 ROI grey
- 03 ROI Grey moving w
- 37 ROI moving
- 41 min. SeamPosition
- 91 Plaus. min. ROI Width
- 92 Plaus. min. ROI Height

Attributes of 01 ROI grey

Verbosity level

None

ROI Position X — NPixel
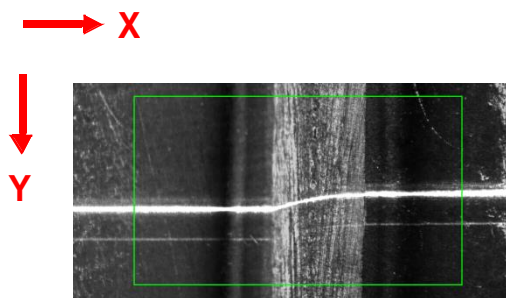150 (260)

ROI Position Y — NPixel
30 (289)

Width — NPixel
700 (507)

Height — NPixel
220 (403)

Parameter	Comment
Verbosity level	Selection of verbosity level. Larger verbosity levels offer more overlay information.
ROI Position X	Start position X of the rectangle (ROI). [Pixel]
ROI Position Y	Start position Y of the rectangle (ROI). [Pixel]
Width	Width of the rectangle (ROI). [Pixel]
Height	Height of the rectangle (ROI). [Pixel]

Verbosity example:
The green rectangle shows the set large ROI where the small "moving ROI" will be placed to search for the weld seam.

**Attributes of
03 ROI Grey moving w**

Number

235.000 (300.000)

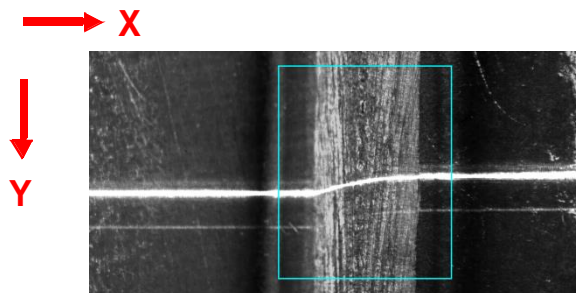| Parameter	Comment
Number	Fix width of the small "moving ROI". The horizontal position is centered to the seam center position found in the before image. [Pixel]

**Attributes of
37 ROI moving**

Verbosity level

Low

Parameter	Comment
Verbosity level	Selection of verbosity level. Larger verbosity levels offer more overlay information.

Verbosity example:
The blue rectangle shows the horizontally adjusted small "moving ROI" to search for the weld seam.

Attributes of
91 Plaus. min. ROI Width ◀

Number

20.000

Parameter	Comment
Number	Threshold for the minimum ROI width of plausibility check. Lower than the threshold, the ROI is invalid. [Pixel]

Attributes of
92 Plaus. min. ROI Height ◀

Number

20.000

Parameter	Comment
Number	Threshold for the minimum ROI height of plausibility check. Lower than the threshold, the ROI is invalid. [Pixel]

- **Measured values for plotter**

730	0/1	ROI grey valid

- **Subgraphs interface**

IN bridges   **OUT bridges**

◤ **image**	Img	◤ **image**	ROI grey
◱ **start end info**	Start end info	◱ **value**	ROI grey X / Y / W / H ROI grey valid

Graph block diagram