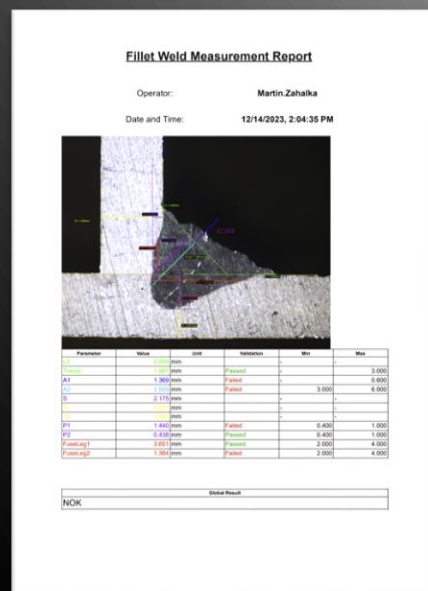
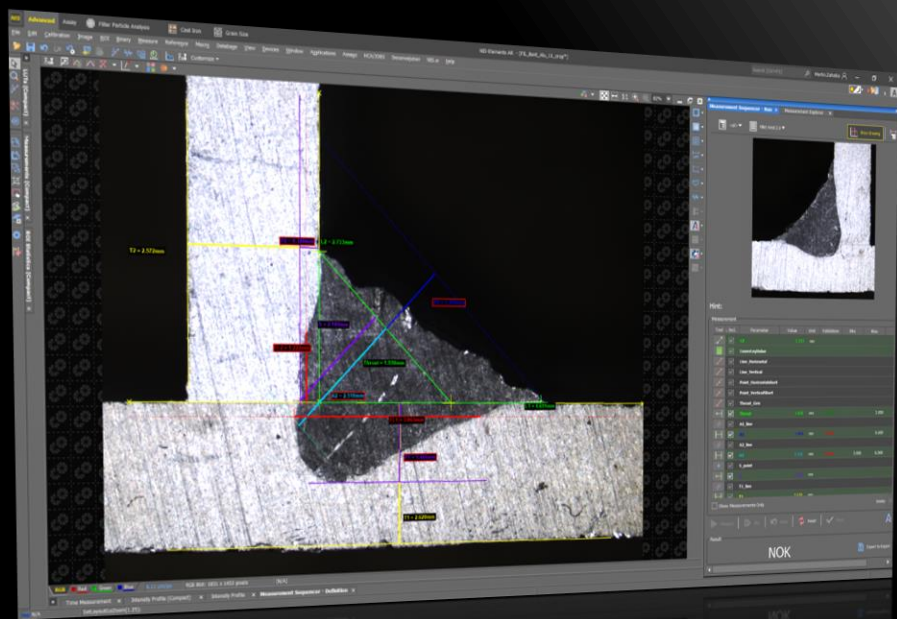


Measurement Sequencer



Discover more about
the complete solution
for weld
measurement

➤ Automated measurement definitions

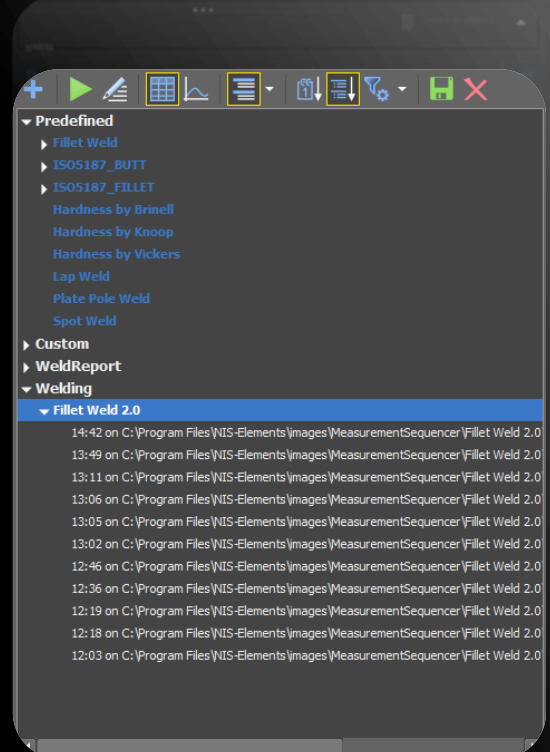
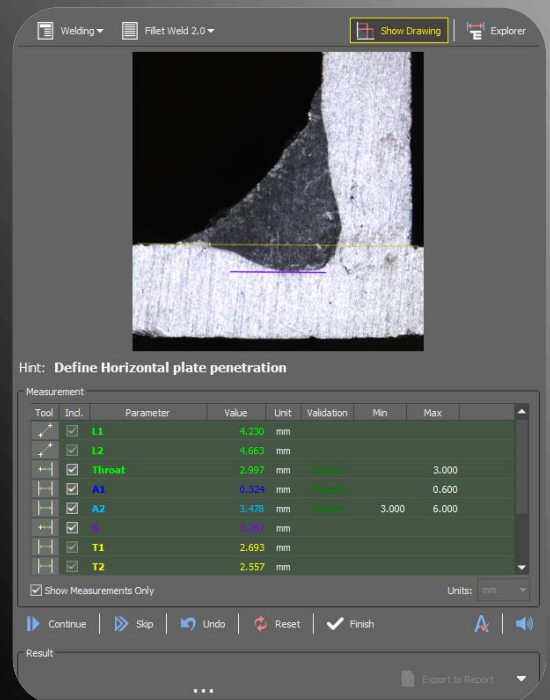
E.g. predefined ISO 5187 Fillet & Butt welds and custom-defined recipes

➤ Guided measurement perfect for mitigating user errors

No more forgotten steps and missing measurements in your reports

➤ Guiding Scheme for measurement drawings

- Follow guidelines shown on scheme and tips for convenient, easy and flawless measurements
- Aim and click to place measurements
- Mitigate forgotten steps during long procedures
- Text to speech guide



➤ Predefined measurement definitions including:

- ISO 5187 Butt weld
- ISO 5187 Fillet weld
- Hardness by Brinell
- Hardness by Knoop
- Hardness by Vickers
- Plate Pole Weld
- Spot Weld
- Lap Weld
- Fillet Weld
- User-defined measurement definitions

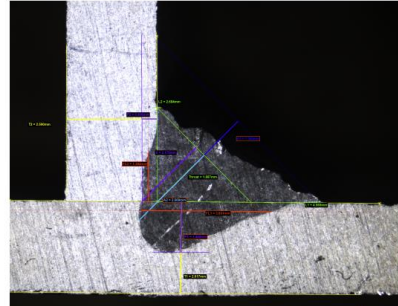
➤ Report

- Complete report including image with geometrical drawings
- Measurement table with limits and validations
- Global Result indication
- Export into PDF, RTF or MS Excel templates
- Image export in TIF,JP2, BMP, JPG
- Define custom report for your definitions

Fillet Weld Measurement Report

Operator: **Martin.Zahalka**

Date and Time: **12/14/2023, 2:04:35 PM**



Parameter	Value	Unit	Validation	Min	Max
L2	2.680	mm	-	-	-
Throat	1.880	mm	Passed	-	3.000
A1	1.360	mm	Failed	-	0.000
A2	2.600	mm	Failed	3.000	6.000
S	2.175	mm	-	-	-
T1	2.817	mm	-	-	-
T2	2.490	mm	-	-	-
P1	1.440	mm	Failed	0.400	1.000
P2	0.430	mm	Passed	0.400	1.000
FilletLeg1	3.651	mm	Passed	2.000	4.000
FilletLeg2	1.384	mm	Failed	2.000	4.000

Global Result
NOK

Weld Analysis Report

Model: Spoiler - T 05 Date & Time: 11/28/2023, 1:51:50PM
 Batch: Z304 Controller: User 9
 Part: Front A7
 Units: mm
 Part Number: 27589
 Global Result: **NOK**

Parameter	Min	Max	Value	OK/NOK	Criteria
L1			2.730		
L2			4.690		
Throat	3.000		1.880	Passed	> T1/T2
A1	3.00	6.000	1.360	Failed	
A2	3.00	6.000	2.600	Failed	
S			2.175		
T1			2.817		
T2			2.55		
P1	0.40	1.000	1.440	Failed	
P2	0.40	1.000	0.430	Passed	
Fillet Leg 1	2.00	4.000	3.651	Passed	> 0.75*T1
Fillet Leg 2	2.00	4.000	1.384	Failed	> 0.75*T2
Global Result					NOK

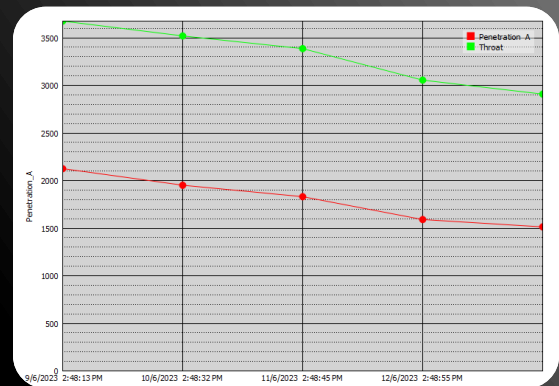
➤ Parameter control and its progress over time

➤ Image Organizer

- Browse through all measured images and their results by clicking on any of the definitions

Picture	Date	NB_Thickness[μm]	B_Thickness[μm]	Min_thickness[]	L1[mm]	L2[mm]	Custom_1[]	Coordinates_x[]	Co
	10/31/2023 9:46:20 AM	392.091	411.789	392.091	0.463	0.306	306.154	306.154	
	11/28/2023 1:51:56 PM	2672.613	2539.303	2539.303	3.926	5.166	3925.524	3925.524	
	11/28/2023 2:11:07 PM	2623.185	2538.372	2538.372	3.917	5.185	3916.965	3916.965	

- Compare measured parameters and their progress over time using graphs

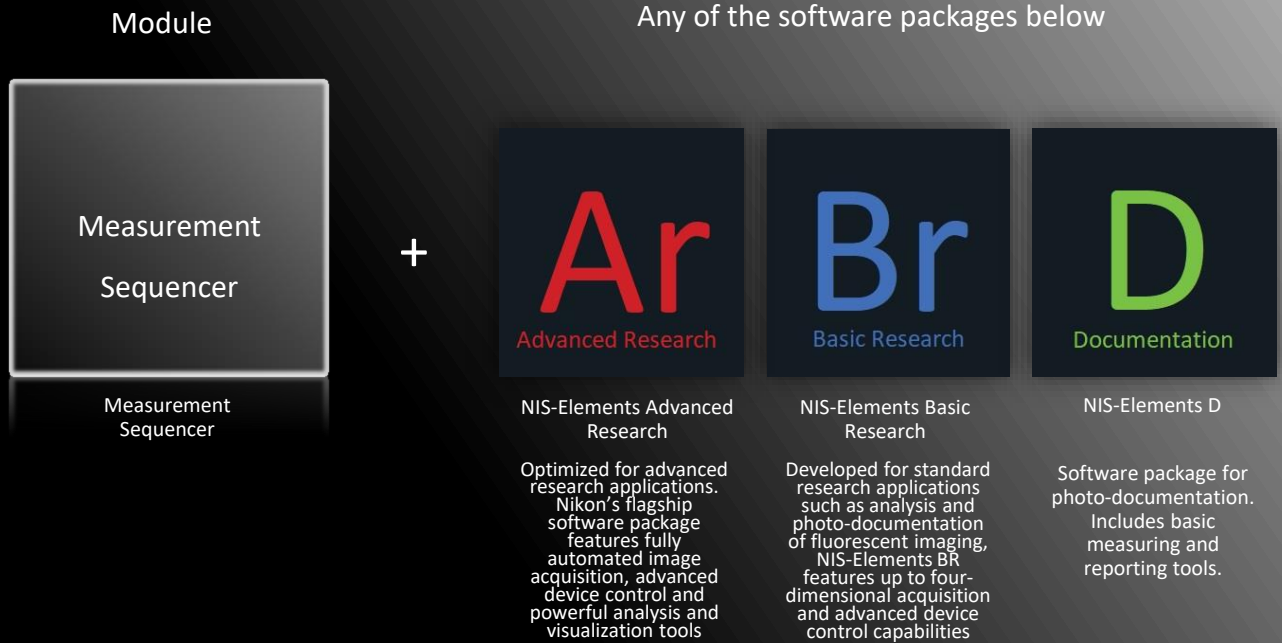


➤ Build and customize your own definition

- Create once, execute repeatedly
- Build without programming knowledge
- Complete geometrical options for various measurements
- Add hints for simple run execution
- Specify custom calculations, validations and limits (even using JavaScript)
- Load custom image for your guiding scheme
- Data including measured image as output

Tool	Secs	Loop	Parameter	Reference	Style	Scheme	Label	Help Text	Edit	Feature	Dimensions	Report	Result	Value	Unit	Validation
Line	Horizontal		Line_Horizontal	Line_Vertical	WeldBeech	LegHorizontal	Line_Horiz	General - Line Between 2 Points	Show	Line	Distance Line - Point	Show	Incl	Show	4.435	mm
Line	Vertical		Line_Vertical	Line_Horizontal	WeldBeech	LegVertical	Line_Vert	General - Line Between 2 Points	Show	Line	Distance Line - Point	Show	Incl	Show	2.916	mm
Point	HorizontalShort		Point_HorizontalShort	Line_Horizontal	WeldBeech	LowerLegL1	L1-Ctr	General L1	Show	Point	Distance Line - Line	Show	Incl	Show	0.391	mm
Point	VerticalShort		Point_VerticalShort	Line_Vertical	WeldBeech	LowerLegL2	L2-Ctr	General L2	Show	Point	Distance Line - Line	Show	Incl	Show	3.464	mm
Throat	Gen		Throat_Gen	Point_HorizontalShort	Point_VerticalShort		S_point	Measure Effective Throat	Show	Throat	Distance Line - Point	Show	Incl	Show	2.701	mm
A1	Line		A1_line	Throat_Gen			A1_line	Define weld face	Show	A1_line	Distance Line - Line	Show	Incl	Show	2.916	mm
A2	Line		A2_line	Throat_Gen			A2_line	Define actual throat	Show	A2_line	Distance Line - Line	Show	Incl	Show	0.391	mm
A3	Line		A3_line	Throat_Gen			A3_line	Measure actual throat	Show	A3_line	Distance Line - Line	Show	Incl	Show	3.464	mm
S	Point		S_point	Throat_Gen			S_point	Define Effective Throat	Show	S_point	Distance Line - Point	Show	Incl	Show	2.916	mm
T1	Line		T1_line	HorizontalLine			T1_line	Define Horizontal plate thickness	Show	T1_line	Distance Line - Line	Show	Incl	Show	2.701	mm
T2	Line		T2_line	HorizontalLine			T2_line	Measure Horizontal plate thickness	Show	T2_line	Distance Line - Line	Show	Incl	Show	2.701	mm

➤ Products required for this application



➤ Interested in finding out more about our product?

Please don't hesitate to contact us!

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