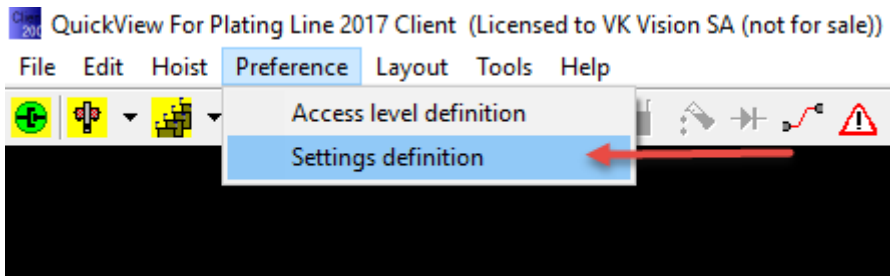


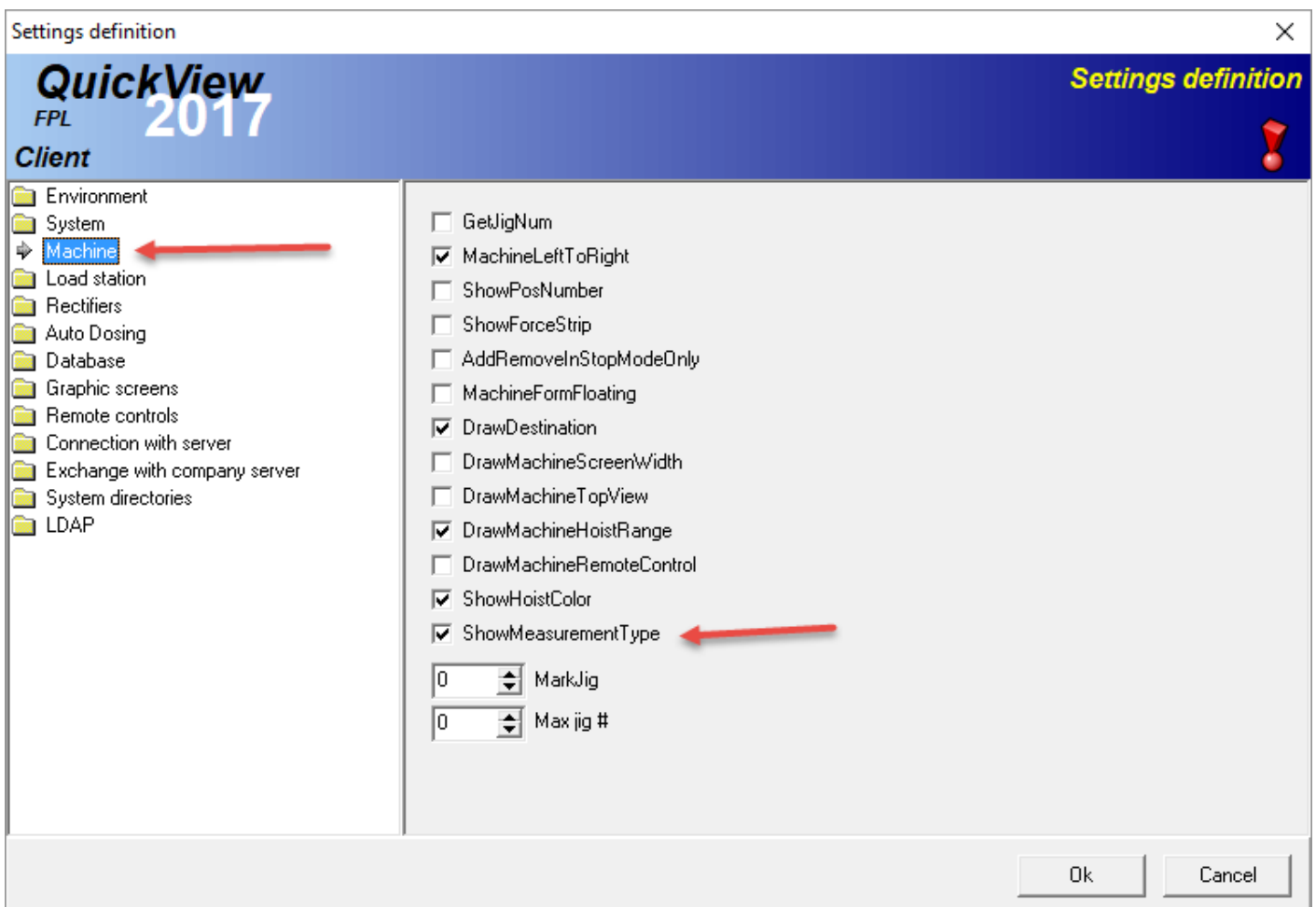
# La mesure d'épaisseur

## Activating the measurement function

To activate the thickness measurement function, you must first open the "Settings" dialog box by clicking on the "Setting definition" menu:



The "Settings" dialog box will be displayed:



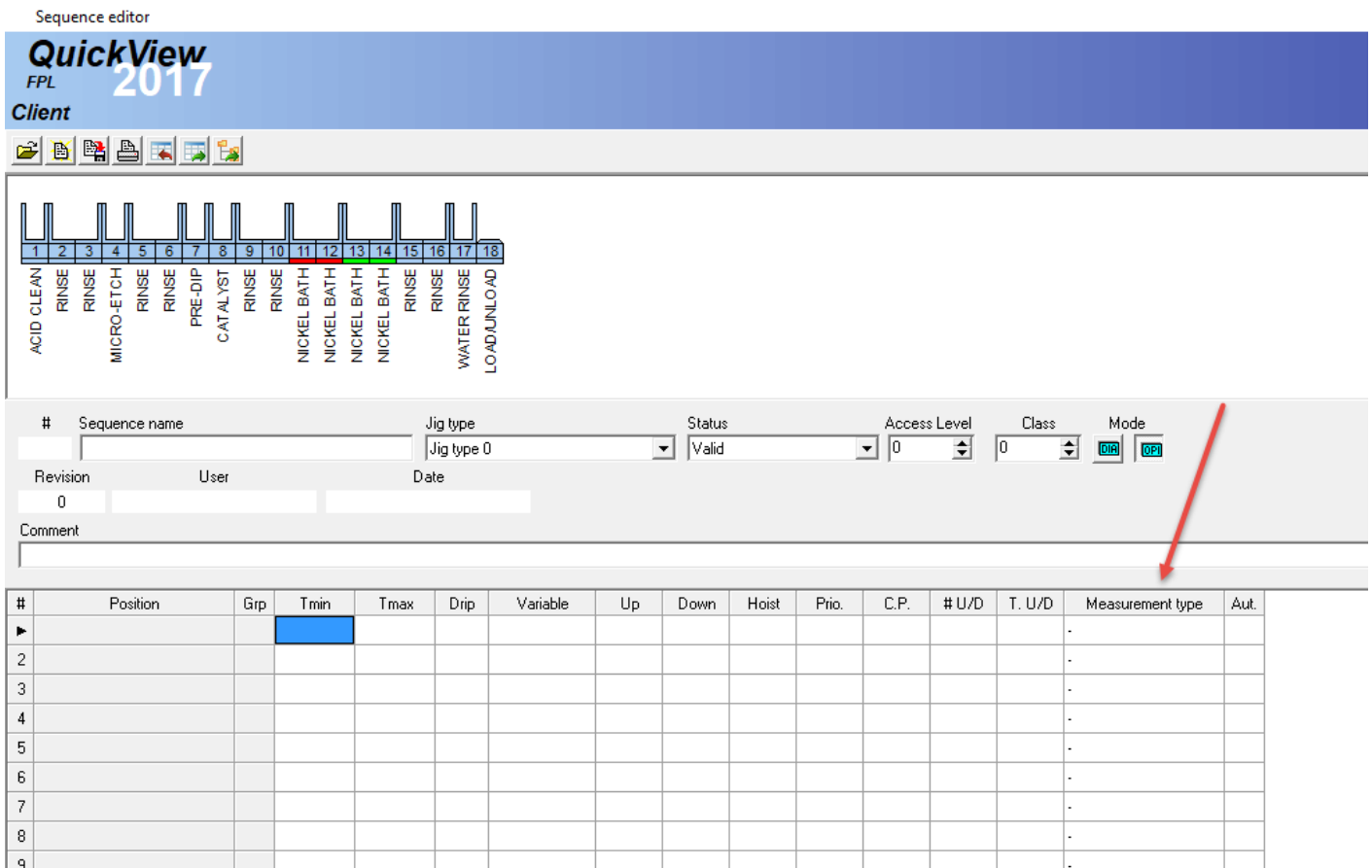
On the left panel, select "Machine" then check the "ShowMeasurementType" check box.

# Defining a sequence with measurement

Once the "Measurement type" is activated, a new column is displayed in the sequence definition table:

Sequence editor

**QuickView**  
FPL 2017  
Client



The interface shows a sequence of 18 steps:

#	Step Name
1	ACID CLEAN
2	RINSE
3	RINSE
4	MICRO-ETCH
5	RINSE
6	RINSE
7	PRE-DIP
8	CATALYST
9	RINSE
10	RINSE
11	NICKEL BATH
12	NICKEL BATH
13	NICKEL BATH
14	NICKEL BATH
15	RINSE
16	RINSE
17	WATER RINSE
18	LOAD/UNLOAD

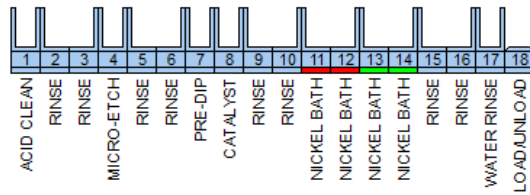
Configuration fields:

- Sequence name: [ ]
- Jig type: Jig type 0
- Status: Valid
- Access Level: 0
- Class: 0
- Mode: [ ] [ ]
- Revision: 0
- User: [ ]
- Date: [ ]
- Comment: [ ]

#	Position	Grp	Tmin	Tmax	Drip	Variable	Up	Down	Hoist	Prio.	C.P.	# U/D	T. U/D	Measurement type	Aut.
1														.	
2														.	
3														.	
4														.	
5														.	
6														.	
7														.	
8														.	
9														.	

In this new column, you can select which position need a measurement. There are 3 measurement possibilities:?

- In place: means the load stays in the tank and the measurement is done in the position.
- On hoist: means the load is lifted by the hoist and the measurement is done on the air.
- In measurement position: means the load is transferred to a position dedicated to measurement.

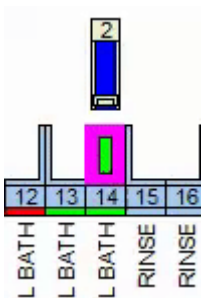


#	Sequence name	Jig type	Status	Access Level	Class	Mode
1	Nickel	Jig type 0	Valid	0	0	
Revision	User	Date				
8	VK Vision SA	16 août 2017 15:30:13				
Comment						

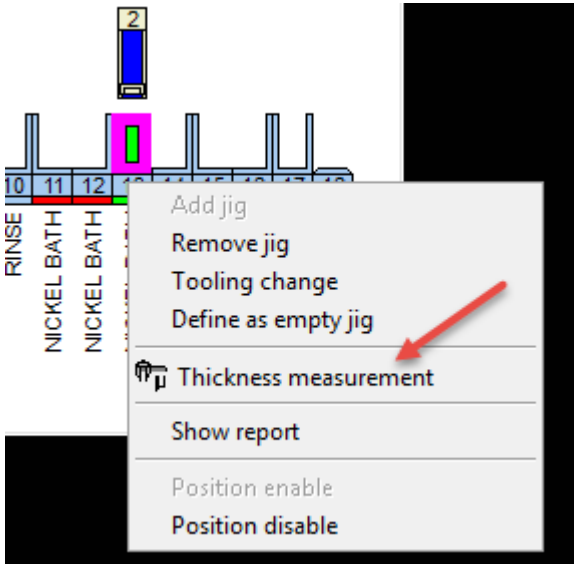
#	Position	Grp	Tmin	Tmax	Drip	Variable	Up	Down	Hoist	Prio.	C.P.	# U/D	T. U/D	Measurement type	Aut.
▶ 18	LOAD/UNLOAD					Yes	1	1			8			-	
2	6 RINSE		30"	90"		Yes	1	1						-	
3	1 ACID CLEAN		180"	240"	5"	Yes	1	1				4	20"	-	
4	2 RINSE		30"	60"		Yes	1	1						-	
5	3 RINSE		30"	60"		Yes	1	1						-	
6	4 MICRO-ETCH		120"	140"	5"	Load	1	1						-	
7	5 RINSE		30"	60"		Yes	1	1						-	
8	6 RINSE		30"	60"		Yes	1	1						-	
9	7 PRE-DIP		120"	140"	5"	Yes	1	1				4	20"	-	
10	8 CATALYST		180"	220"	5"	Yes	1	1				4	20"	-	
11	9 RINSE		30"	60"		Yes	1	1						-	
12	10 RINSE		30"	60"		Yes	1	1						-	
13	NICKEL BATH	10	1800"	1900"	5"	Load	1	1				10	240"	In place	
14	15 RINSE		30"	60"		Yes	1	1						-	
15	16 RINSE		30"	60"		Yes	1	1						-	
16	17 WATER RINSE		60"	120"	5"	Yes	1	1						-	
17	18 LOAD/UNLOAD					Yes	1	1						-	
18														-	

## Running program with measurement

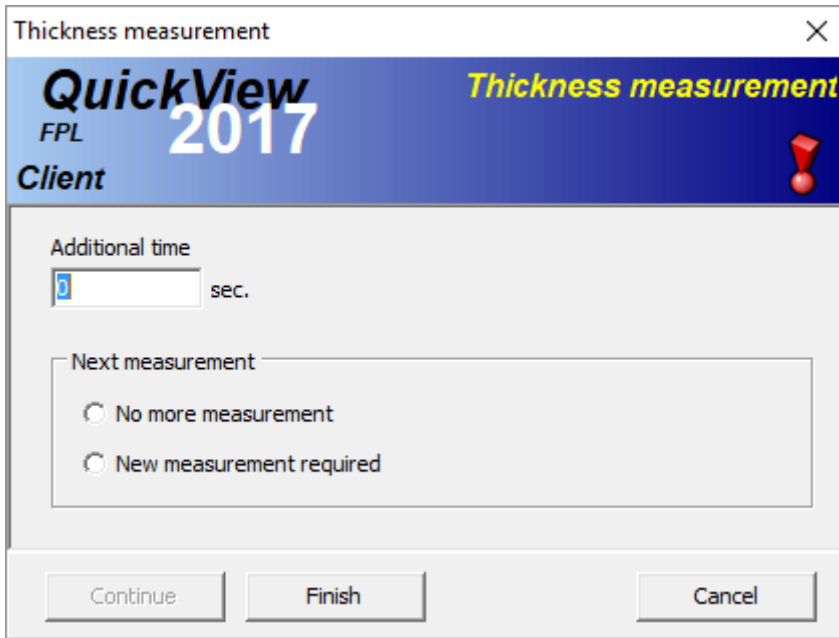
When a thickness measurement is requested, the jig requiring the measurement will be displayed in flashing fuchsia in the machine:



In order to open the measurement dialog box, you must right click on the load and select "Thickness measurement" in the popup menu:



By clicking on this command, the following dialog box will be displayed:



If the thickness is too low, you can enter an additional time in the corresponding field. You must also specify if, after this additional time, a new measurement is required or not. Once this 2 fields filled, the "continue" button becomes enabled. Click on "Continue" to add time or click on "Finished" to continue to the next sequence step. The "Cancel" button will only close the box.

Revision #5

Created 2020-12-06 06:58:18 UTC by Jean-Noël Voirol

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