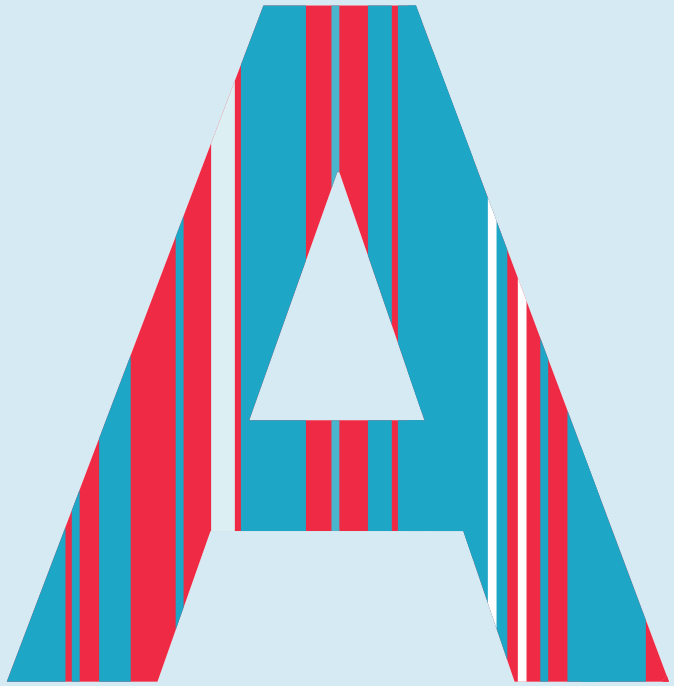
YOUR VISION.
OUR INSPIRATION



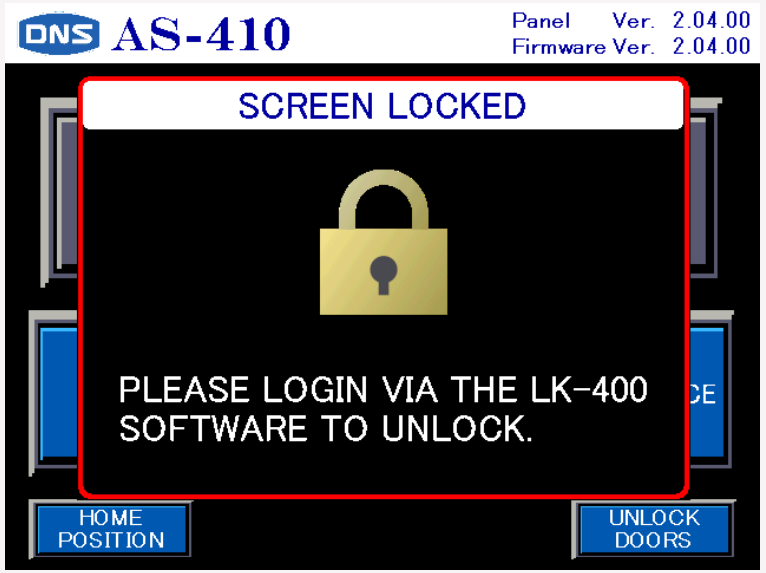
AGENDA

1. Software update 2.4.0
2. Polishprojekt

Axlab

SW 2.4.0

Log-in function.

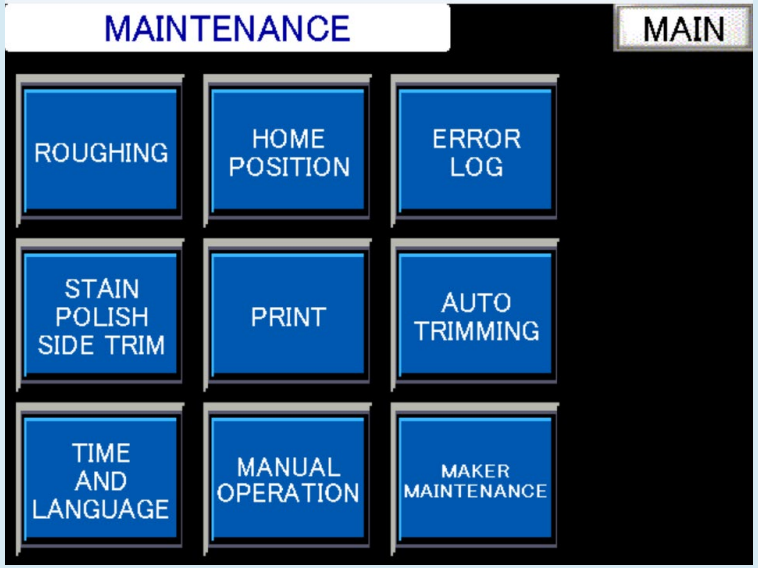


The AS-410M now supports User ID login functionality, enabling greater control and security.

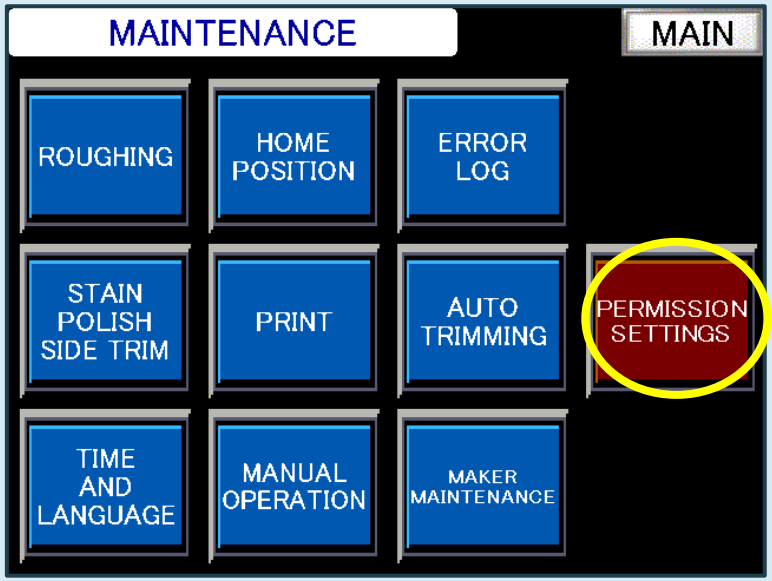
🔐 **Key Features:**

- Up to 10 Unique User IDs
  Create and manage login credentials for up to 10 different users.
- Customizable Access Permissions
  Define individual access levels and permissions for each user, allowing tailored control based on roles or responsibilities.

Axlab

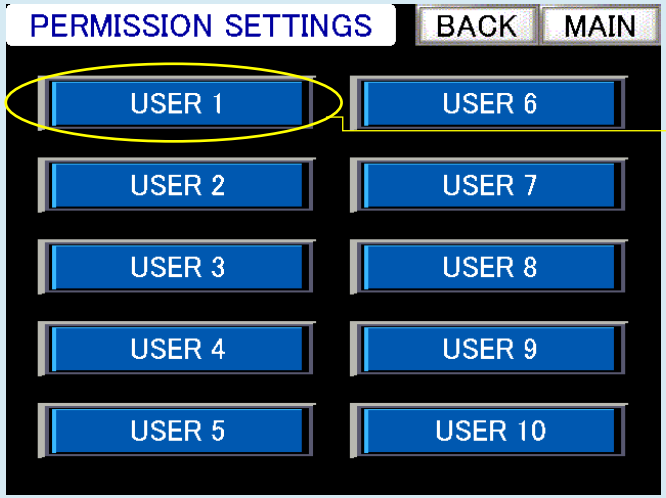


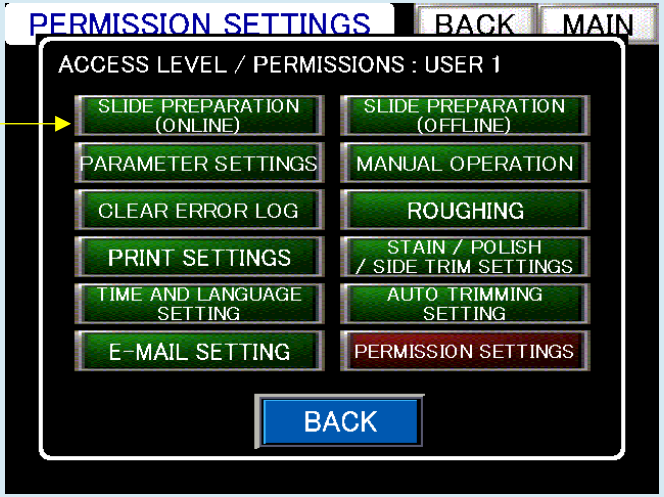
SW 2.3.0



SW 2.4.0

Select the user





And select the level of permission

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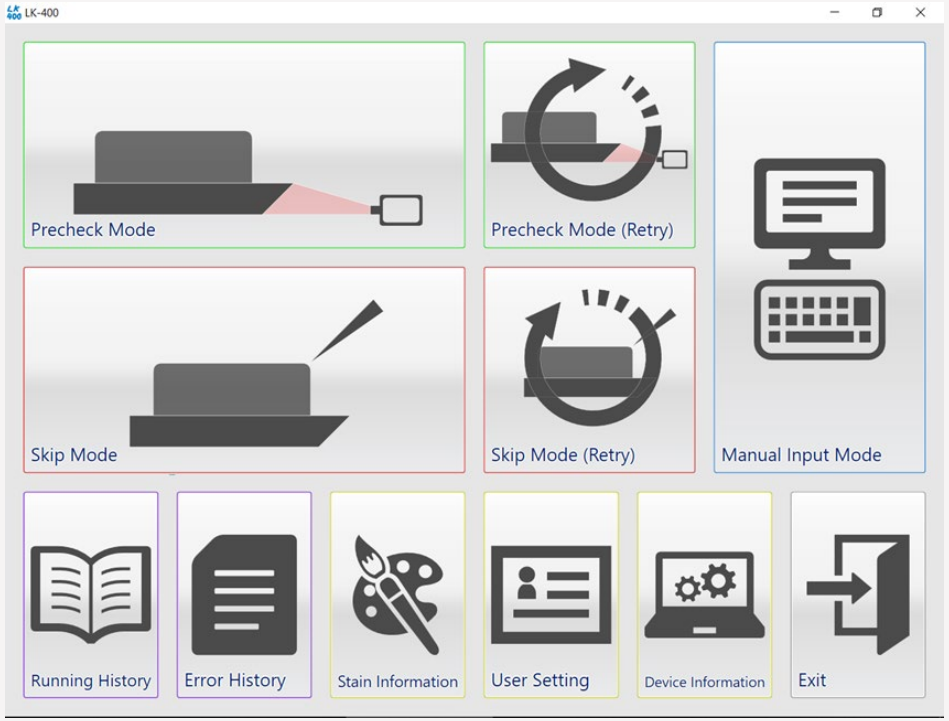
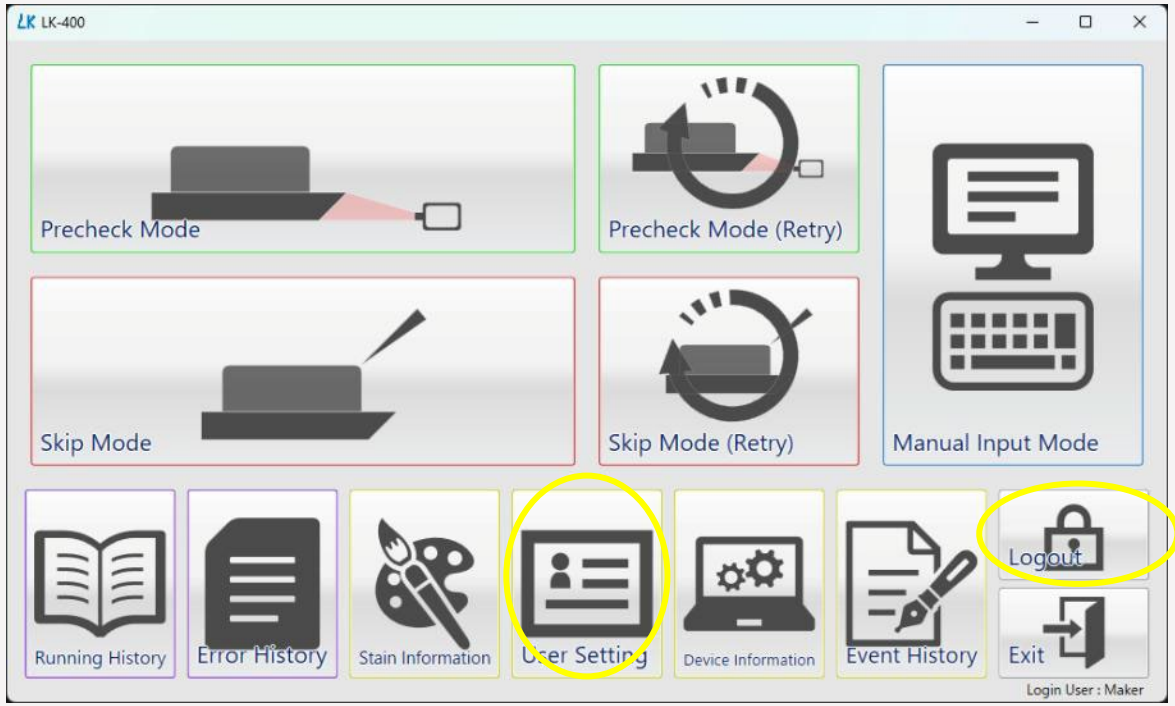
LK400 update





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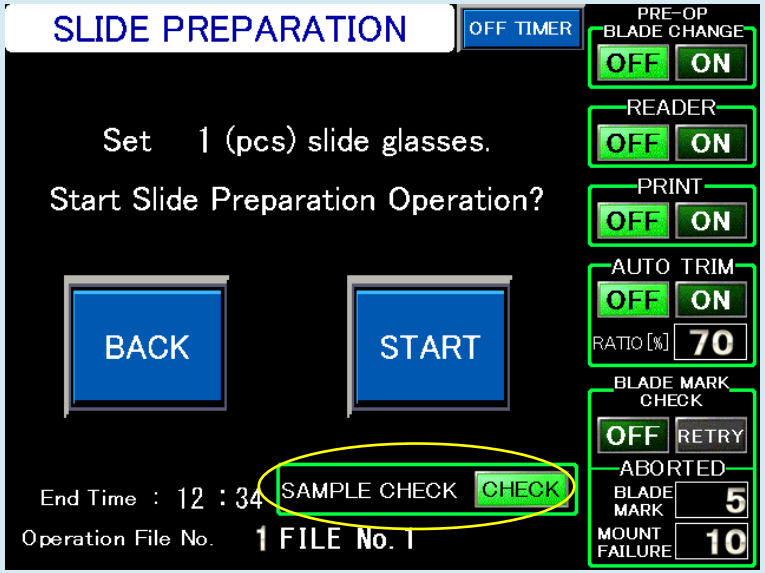
Deactivate Sample Check at Offline Operation.



Green CHECK: Sample will be checked
Yellow SKIP: Samples will not be checked.

Press to change between the two options.

The AS-410M is now allowing flexibility in offline operations.

What's Changed:

Before:

The unit automatically performed a sample block check to ensure that the selected blocks matched those placed on the trays before starting any offline slide preparation.

Now:

Users can bypass the block matching check, allowing the unit to begin offline slide preparation immediately—without verifying the block selection. If a selected position doesn't have a block, it would be skipped.

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Blade Exchange During Operation

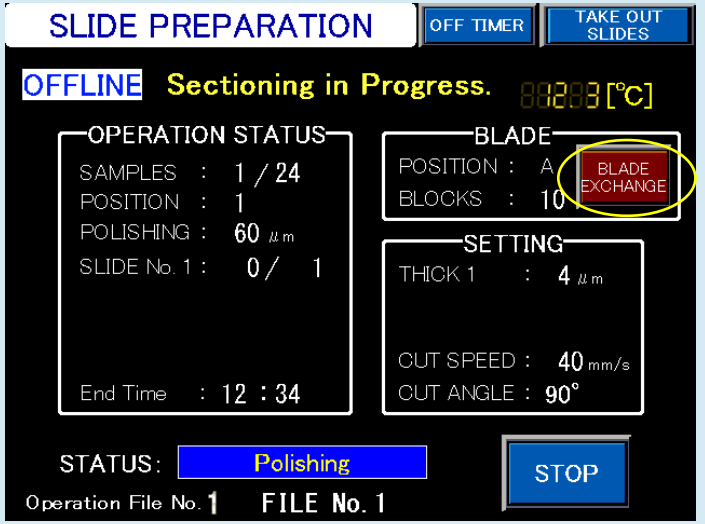
The system now supports **blade changes without stopping the overall operation**, giving users more control and flexibility.

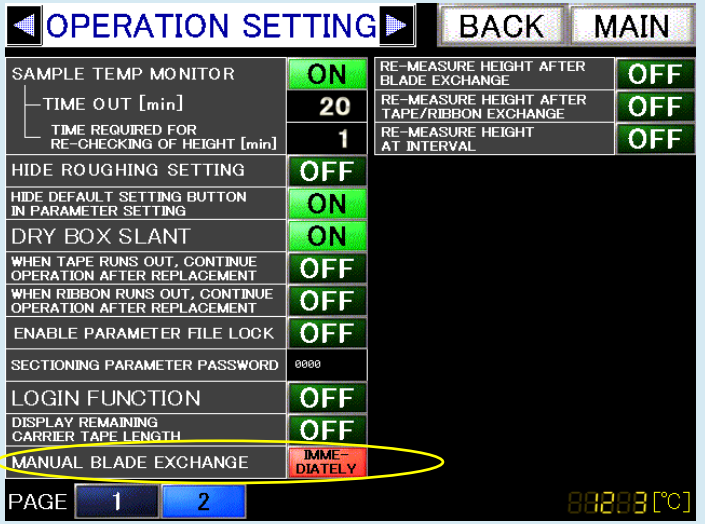
New Blade Change Options:

You can now choose when the blade change should occur:

Immediate Change – The blade is replaced as soon as the command is given.

At Sample Change – The blade change is automatically triggered during the next sample switch, minimizing workflow interruption.





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BLK Block Count Setting Method Changed.

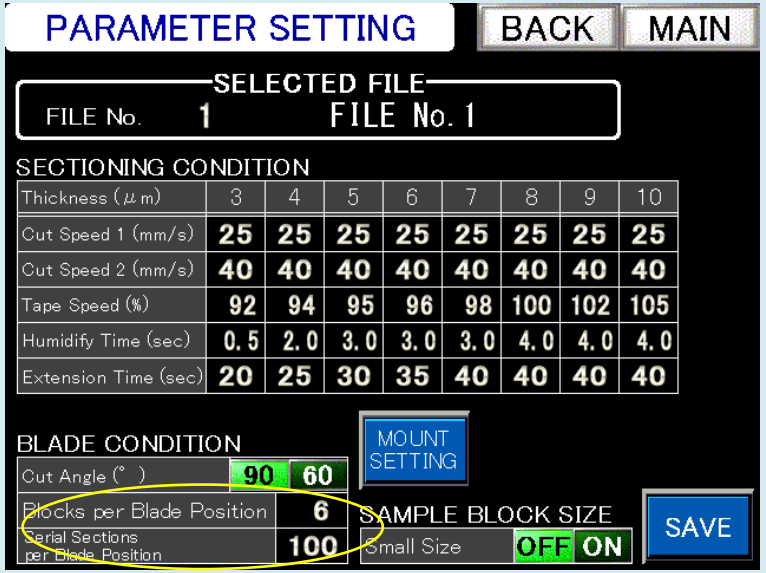
The blade condition information is now presented in a more detailed and user-friendly way.

Now:
The interface shows exactly how many blocks have been processed with each blade.
It also displays the number of consecutive serial sections allowed per blade position.

***"roughing is now included** in the overall count of blocks used per blade"*

Previously:
The display only showed basic indicators such as:

- BLK
- BLK (R)
- Sections per blade position



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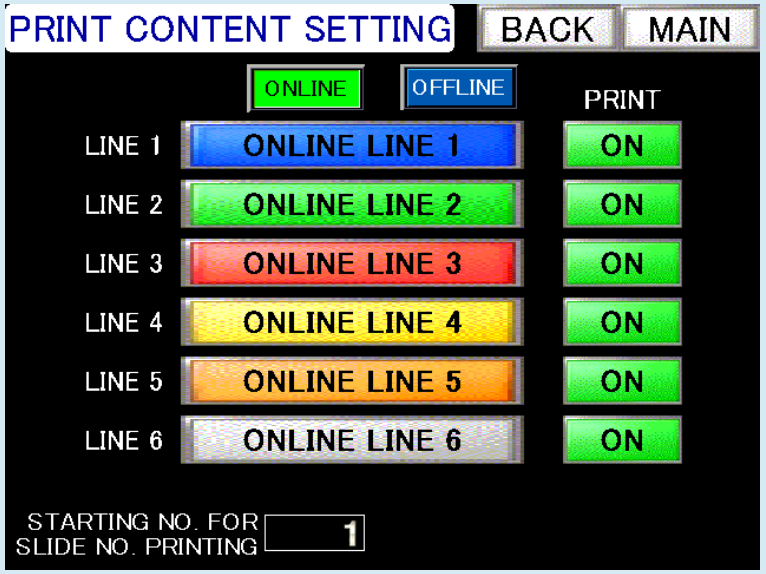
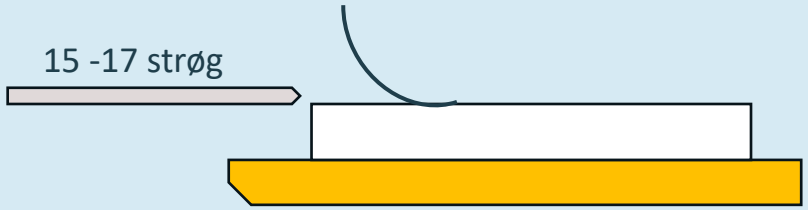
Bugfixes: Bug Fix for Slide Number Printing Start Value Setting and Bug Fix for Online Interval Blade Exchange Function.



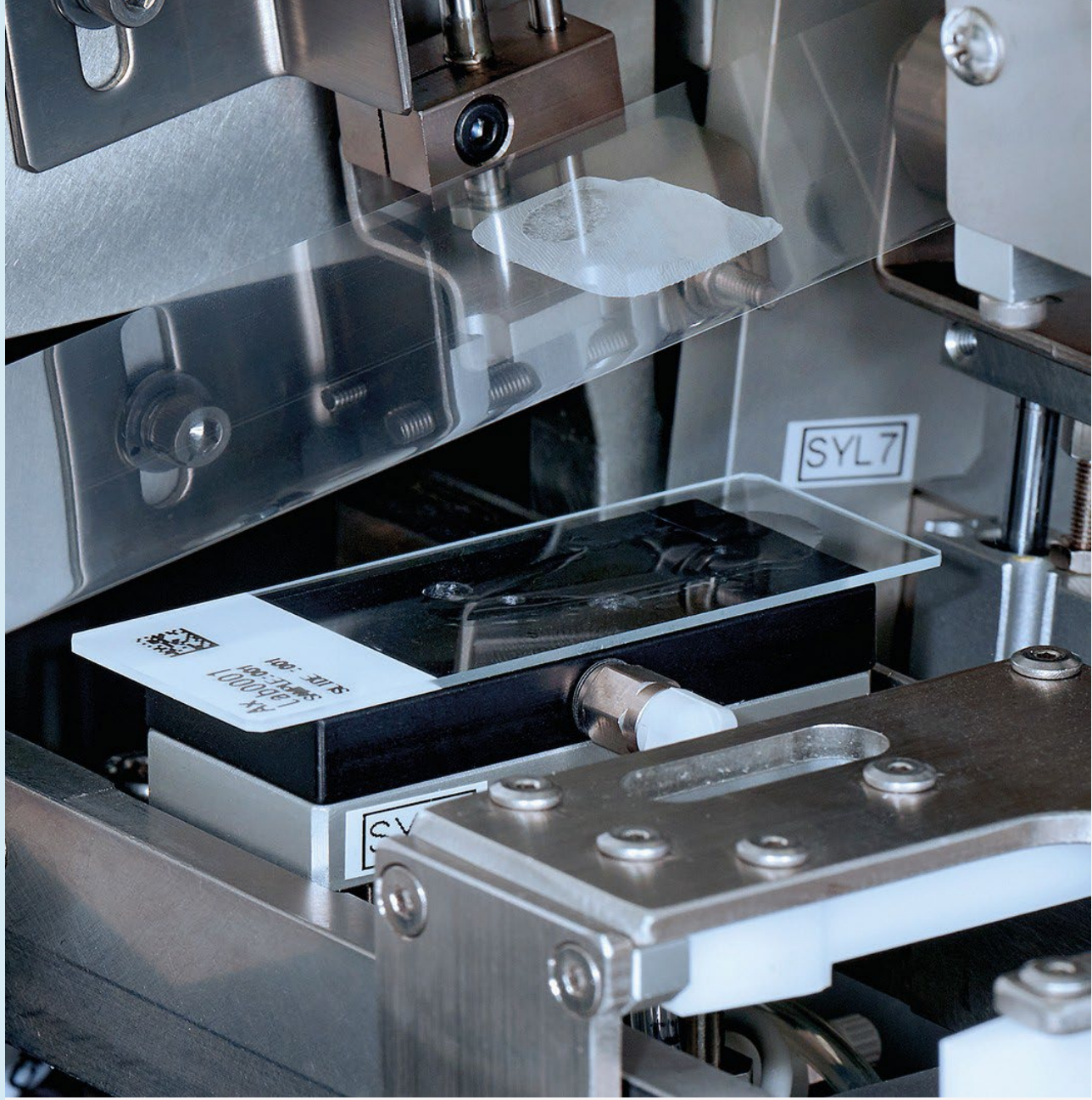
Polish settings på AS-410M

”De antal µm som det kræver at tilpasse blok og kniv”



Typiske værdi ligger omkring 80-100µm

Afhængig af værdien er dette ofte 15-17 knivstrøg.



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De tre test sites:

Riget

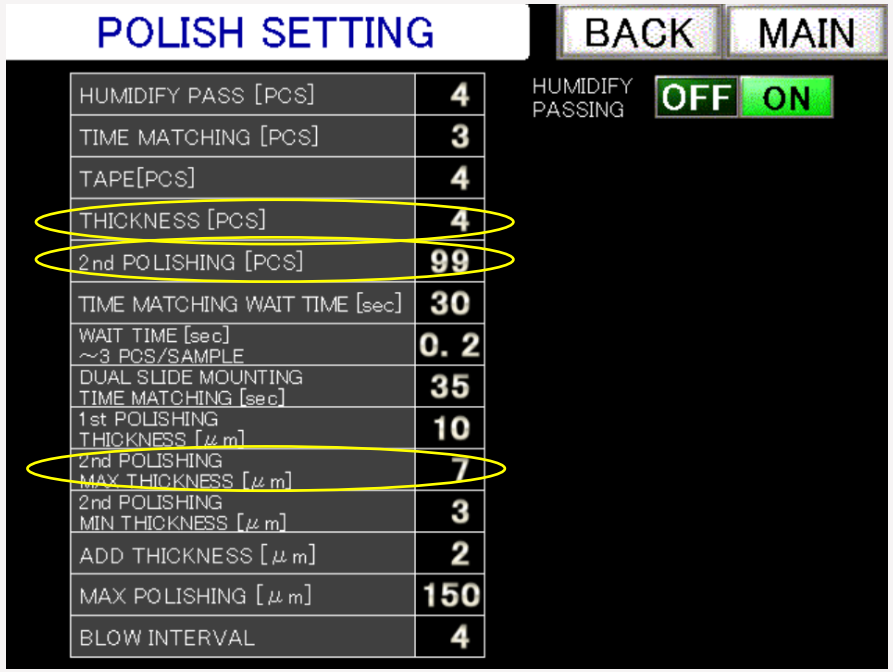
- Polish værdi: 80µm
- 2nd polish max 7µm
- Tid for 24 blokke: 1t

Herlev

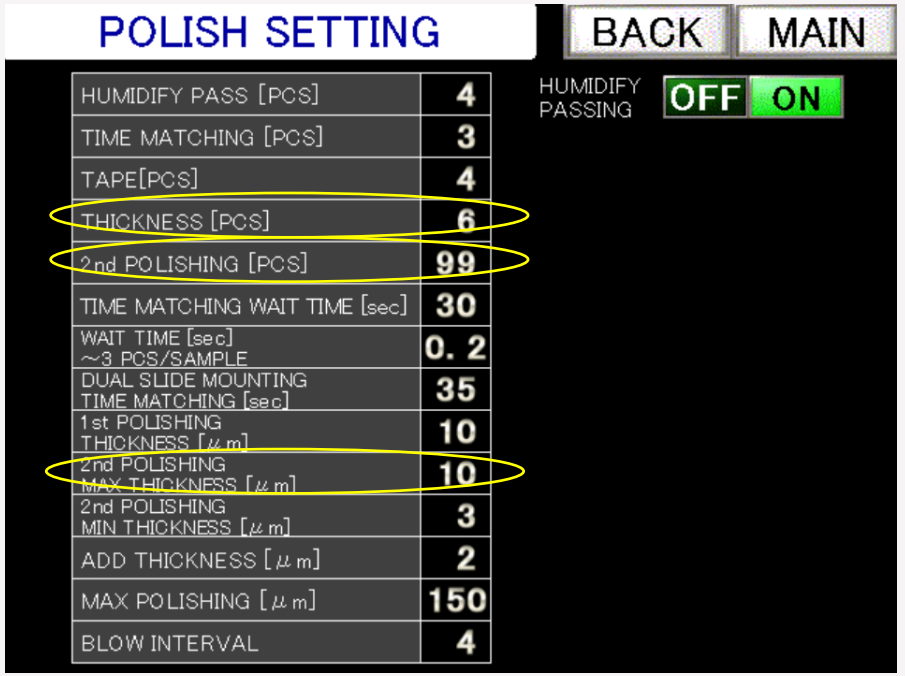
- Polish værdi: 80-90µm
- 2nd polish max 7µm
- Tid for 24 blokke: 1t

Skejby

- Polish værdi: 100µm
- 2nd polish max 12µm
- Tid for 24 blokke: 1t



Eksempel før justering.



Eksempel efter justering.

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Antallet af steps afhænger af tykkelsen.

PolishCut No.01 Thickness = 5[µm] (2nd Polishing)
PolishCut No.02 Thickness = 5[µm] (2nd Polishing)
PolishCut No.03 Thickness = 5[µm] (2nd Polishing)
PolishCut No.04 Thickness = 5[µm] (2nd Polishing)
PolishCut No.05 Thickness = 5[µm] (2nd Polishing)
PolishCut No.06 Thickness = 5[µm] (2nd Polishing)
PolishCut No.07 Thickness = 5[µm] (2nd Polishing)
PolishCut No.08 Thickness = 5[µm] (2nd Polishing)
PolishCut No.09 Thickness = 5[µm] (2nd Polishing)
PolishCut No.10 Thickness = 5[µm] (2nd Polishing)
PolishCut No.11 Thickness = 5[µm] (2nd Polishing)
PolishCut No.12 Thickness = 6[µm] (MakingThickness+Additional Polishing)
PolishCut No.13 Thickness = 4[µm] (MakingThickness Polishing)
PolishCut No.14 Thickness = 4[µm] (MakingThickness Polishing) <Tape Mount>
PolishCut No.15 Thickness = 4[µm] (MakingThickness Polishing) <Tape Mount>
PolishCut No.16 Thickness = 4[µm] (MakingThickness Polishing) <Tape Mount>
PolishCut No.17 Thickness = 4[µm] (MakingThickness Polishing) <Tape Mount>

PolishCut No.01 Thickness = 7[µm] (2nd Polishing)
PolishCut No.02 Thickness = 7[µm] (2nd Polishing)
PolishCut No.03 Thickness = 7[µm] (2nd Polishing)
PolishCut No.04 Thickness = 7[µm] (2nd Polishing)
PolishCut No.05 Thickness = 7[µm] (2nd Polishing)
PolishCut No.06 Thickness = 7[µm] (2nd Polishing)
PolishCut No.07 Thickness = 7[µm] (2nd Polishing)
PolishCut No.08 Thickness = 7[µm] (2nd Polishing)
PolishCut No.09 Thickness = 6[µm] (MakingThickness+Additional Polishing)
PolishCut No.10 Thickness = 4[µm] (MakingThickness Polishing)
PolishCut No.11 Thickness = 4[µm] (MakingThickness Polishing) <Tape Mount>
PolishCut No.12 Thickness = 4[µm] (MakingThickness Polishing) <Tape Mount>
PolishCut No.13 Thickness = 4[µm] (MakingThickness Polishing) <Tape Mount>
PolishCut No.14 Thickness = 4[µm] (MakingThickness Polishing) <Tape Mount>

PolishCut No.01 Thickness = 10[µm] (2nd Polishing)
PolishCut No.02 Thickness = 10[µm] (2nd Polishing)
PolishCut No.03 Thickness = 10[µm] (2nd Polishing)
PolishCut No.04 Thickness = 10[µm] (2nd Polishing)
PolishCut No.05 Thickness = 10[µm] (2nd Polishing)
PolishCut No.06 Thickness = 6[µm] (2nd Polishing)
PolishCut No.07 Thickness = 6[µm] (MakingThickness+Additional Polishing)
PolishCut No.08 Thickness = 4[µm] (MakingThickness Polishing)
PolishCut No.09 Thickness = 4[µm] (MakingThickness Polishing) <Tape Mount>
PolishCut No.10 Thickness = 4[µm] (MakingThickness Polishing) <Tape Mount>
PolishCut No.11 Thickness = 4[µm] (MakingThickness Polishing) <Tape Mount>
PolishCut No.12 Thickness = 4[µm] (MakingThickness Polishing) <Tape Mount>

PolishCut No.01 Thickness = 14[µm] (2nd Polishing)
PolishCut No.02 Thickness = 14[µm] (2nd Polishing)
PolishCut No.03 Thickness = 14[µm] (2nd Polishing)
PolishCut No.04 Thickness = 14[µm] (2nd Polishing)
PolishCut No.05 Thickness = 6[µm] (MakingThickness+Additional Polishing)
PolishCut No.06 Thickness = 4[µm] (MakingThickness Polishing)
PolishCut No.07 Thickness = 4[µm] (MakingThickness Polishing) <Tape Mount>
PolishCut No.08 Thickness = 4[µm] (MakingThickness Polishing) <Tape Mount>
PolishCut No.09 Thickness = 4[µm] (MakingThickness Polishing) <Tape Mount>
PolishCut No.10 Thickness = 4[µm] (MakingThickness Polishing) <Tape Mount>

2nd polish max
from 5µm → 7µm
Saves 3 polish
steps

2nd polish max from
5µm → 14µm
Saves 7 polish steps

Axlab

Hvad hvis vi kunne reducere disse steps?

Riget

- Polish værdi: 80µm
- 2nd polish max: 7µm
- Tid for 24 blokke: 1t og 1m

Ændringer:

- 2nd polish max: 10µm
- Tid for 24 blokke: 50-55min

Herlev

- Polish værdi: 80-90µm
- 2nd polish max: 7µm
- Tid for 24 blokke: 1t

Ændringer:

- 2nd polish max: 14µm
- Tid for 96 blokke: 23min reducering.
- SNMAM: 3→ 4 blokke i timen.
- SNM: 2→ 3 blokke i timen

Skejby

- Polish værdi: 100µm
- 2nd polish max: 12µm
- Tid for 24 blokke: 1t

Ændringer:

- 2nd polish max: 14µm
- Polish værdi fra 100µm →80µm.
- Tid for 2 trays: 1,33 time ca.

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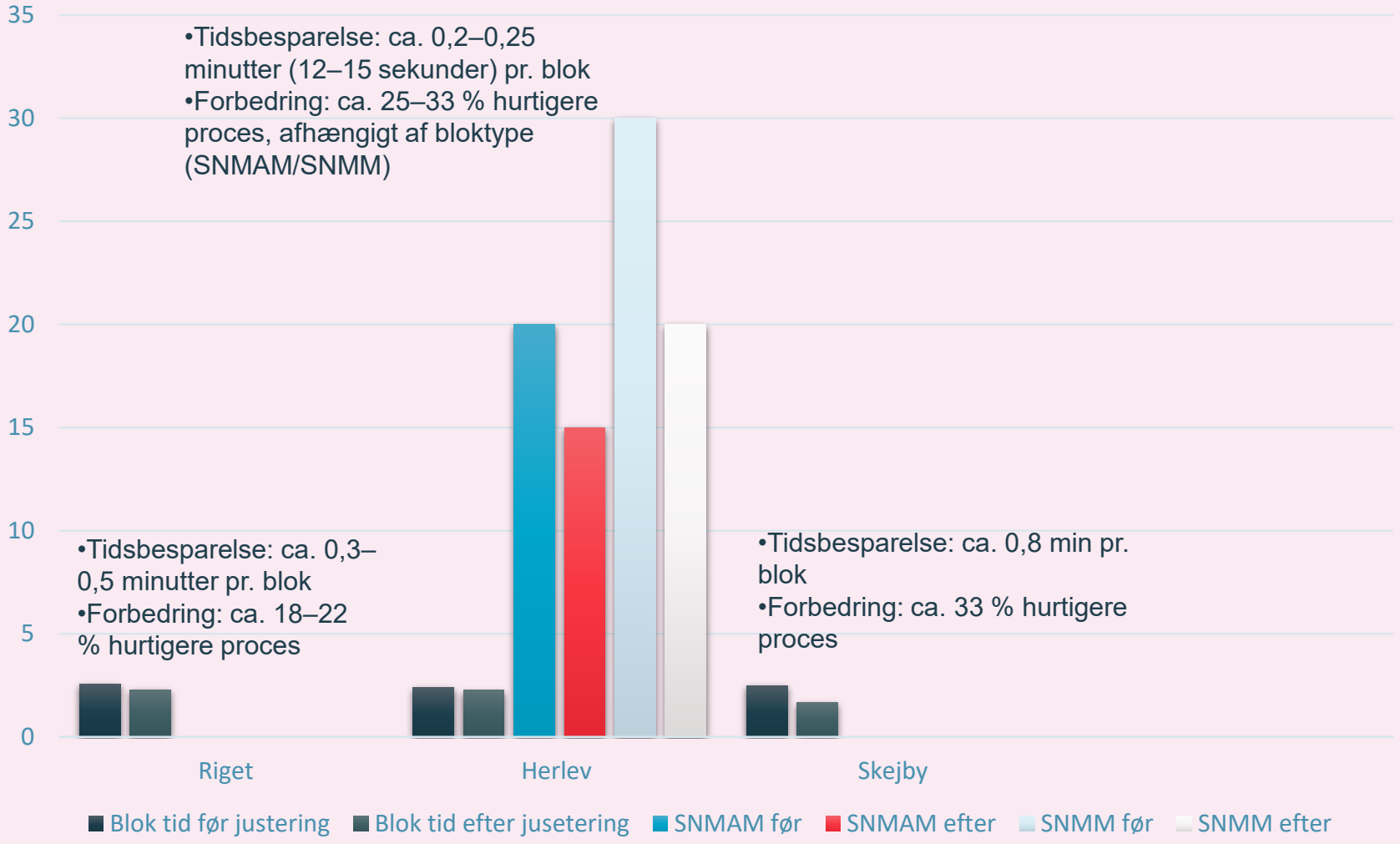
Procesforbedring pr. blok efter optimering



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Hvad skal vi huske på.

- **2nd polish max**

Undgå at sætte for højt, så vacuum-systemet ikke kan følge med.

- **Snit- og vævskvalitet**

Sørg for, at ændringer i polish ikke påvirker vævet negativt eller kompromitterer snitkvaliteten.

- **Konsistens i snittykkelse**

Når trinnene gøres grovere, skal man sikre, at flere snit har samme tykkelse.

- **Fokus på kvalitet frem for hastighed**

Husk, at AS-410M er primært associeret med kvalitet, ikke hastighed.