

SANTINT AC100 Dispenser Installation

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1. Introduction

Introducing the Santint AC100 Dispenser machine – the innovative solution that will streamline and enhance your paint-mixing process. This device is designed to bring efficiency and precision to the world of car refinishing.

2. Specifications

Automatic Dispensing
200 ml/min or 300 ml/min
0.015 ml
60 ml/ 90 ml (Optional)
20-25 rpm
Up to 96
84 x 1.25 L + 12 x 4.3L
200 x 180 mm (With Scale) – 200 x 280 mm
(Without Scale)
1770 x 1215 x 1400 mm (96 Toners)
Optional
650 Kg
≤ 350 W
220 V/110V 50 Hz/60 Hz

3. PC / Laptop Requirements

Operating System	Microsoft Windows		
Operating System Version	Windows 7 – 8 – 10 – 11		
RAM	Minimum 2GB		
CPU	Minimum 2 GHz		
Disk Space	≥ 800 MB		
Microsoft .NET Framework Version	4.8		
USB Port	2 Ports: 3.0		
HyMix Pro Version	2.15.3.0		



4. Tips and Recommendations

- i. The technical team responsible for device installation must provide you with the necessary training on the following:
 - Filling and assigning toners.
 - Toner's calibration.
 - Pumping process.
- ii. The technical team is required to teach you about the *SantintService.exe* application, as we work with the SDK that utilizes it, rather than the *Colorlink3.exe* application (No need to be installed).
- We suggest installing the HyMix Pro software first, as the SantintService.exe application will be installed within the same setup. Consequently, the technical team will provide instructions specifically for this application, which will be located in: C:\ProgramData\HyMix Pro\AC100

5. Software installation Step-by-Step

- a. Setup Installation
- i. Run the setup
- ii. Install all the .Net Framework versions available in the installation

😼 Setup - HyMix Pro	_		×
Select Components Which components should be installed?			
Select the components you want to install; clear the components you install. Click Next when you are ready to continue.	ı do not v	vant t	D
Select the components to install			\sim
Basic installers		0 MB 0 MB	^
 ✓ .Net Frameworks ✓ .Net Framework 2.0 ✓ .Net Framework 4.0 ✓ .Net Framework 4.8 	48.	8 MB 2 MB 7 MB	
Compared and a service at least 1.02.08 of tick server		2 MB 9 MB	¥
Current selection requires at least 1.03 GB of disk space.			
Back Nex	κt	С	ancel

iii. Proceed with the installation and wait until it is completed.



b. Activate the AC100 device

P.S.: If the technical team activated the device on your laptop/PC, you can skip this section.

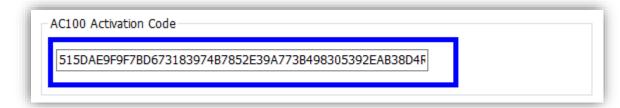
- i. Run the HyMix Pro software.
- ii. Access the Parameters section, and move to the AC100 category.

Parameters	_	×
Categories	AC100 Activation Code	
General Cost Brackets Costs		
Database Location Shortcuts Users	AC100 Device ID	
Customers Backup Job Management Custom System	FF78EAD80A5CC8EF3026D6B4D5468ABA	Сору
AC100		
Volume Estimator	AC100 User Data Path C:\ProgramData\HyMx Pro\AC100\UserData	Browse
		Ľ

iii. Click on the Copy button. It copies automatically your AC100 Device ID.

AC100 Device ID	
FF78EAD80A5CC8EF3026D6B4D5468ABA	Сору

- iv. Send us your device ID, and we will promptly provide you the AC100 activation code corresponding to your device ID.
- v. Once you receive your activation code, paste it in the AC100 activation code field.



vi. Click on Save to activate your device.



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- c. Assign toners to canisters.
- i. Open the SantintService.exe



P.S: The application's path by default is: C:\ProgramData\HyMix Pro\AC100\UserData You can find the path in Parameters => AC100 => AC100 User Data Path

	_	
C:\ProgramData\HyMix Pro\AC100\UserData	Bro	owse

ii. In service application, click on Dispenser from the navigation bar on the right, then click on Management.



iii. Select the model you have (AC100), and make it the default device.

		Dispenser Code		Status		
	A4b-HS			Default		
	A4b-HS-2					
	A4b-IH					
	AC10					
	AC100					
	AC200					
Basic Info						L
Dispenser C	ode AC	100	Default		~	

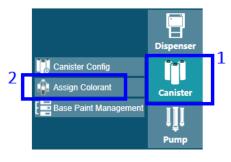
iv. Save your change.



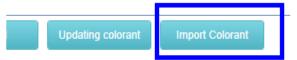
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v. In the navigation bar, click on Canister, then go to Assign Colorant.



vi. Click on the Import Colorant button.



- *vii.* Import a CSV file using the following column format:
 - Colorant Code
 - Colorant Description
 - Density
 - Paint Type (Leave this column empty)
 - R (Red Value)
 - G (Green Value)
 - B (Blue Value)
 - P.S: If you encounter any difficulties creating the CSV file with the required format, please contact us, we can provide the file for your convenience.

Colorant Im	iport				×
File Import					
whether clear	previous colorants bef	ore importing	new colorants.		
Splits	System	•	Dots	System	•
				Imp	port



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This PC > Desktop > New folder	ٽ ~	2	Search New	folder	
older				-	?
A X HyMix_Toners.cs V					
Y					
e name:		 Csv 	File (*.csv)		\sim
-		- Enc	File (*.csv)	(₂₀₀)	-

viii. Assign toners to canisters by clicking on any empty canister, then double-click on the toner you want to assign.

** Follow the below example:

Canister ID	Colorant Code	Colorant Name	color		Colorant Code	Colorant Name	Colorant density	Color
1				B260		BASECOAT LEMON GREEN	0.9610	
2				B290		BASECOAT BRIGHT YELLOW	0.9620	
3	1. One Click			B330		BASECOAT MEDIUM YELLOW	0.9500	
4	1. One Click			B340		BASECOAT TRANSPARENT YELLOW	0.9670	
5				B350	2. Double	BASECOAT OXIDE YELLOW	1.0293	
6				B370	2. Double	BASECOAT ORANGE	0.9460	
7				B380	Click	BASECOAT LIGHT YELLOW	1.0100	
8				B410	CIICK	BASECOAT RED LUMINA	0.9530	
9				B420		BASECOAT ORANGE LUMINA	0.9580	
10				B450		BASECOAT OXIDE RED	1.0400	
11				B460		BASECOAT BRIGHT RED	0.9600	
12				B470		BASECOAT PURPLE	0.9490	

ix. Once you finish assigning toners to canisters click on Save.



PS: The AC100 device contains only 96 canisters, which is not sufficient for all the toners, you will need to determine which toners to assign since you can't assign them all.

x. Follow the instructions that the technical team provided you regarding the toner calibration, pump process, and filling toners.



6. Mixing Process

i. On the formulation page, click on the Mix button



ii. A new popup opened to show you the list of toners and quantities that need to be mixed

	Abort		Dispensing Status
Product	Target Weight (G)	Actual Weight (G)	Remaining Weight (G)
B020	504.5		
B210	333.5	0	0
B170	145.4	0	0
B810	72.7	0	0

iii. Click on the Start button to start dispensing.

AC100	Abort		Dispensing
Product	Target Weight (G)	Actual Weight (G)	Remaining Weight (G)
3020	504.5	504.5	
3210	333.5	333.5	0
3170	145.4	145.4	0
3810	72.7	0	0



iv. You can abort the job anytime during dispensing by clicking on the Abort button.



v. If any of the toners have a quantity in the canister less than the quantity requested in the mix, a Refill popup will open, allowing you to refill the toner and continue the Mix.

🗣 Refill Window			<u>- 0 ×</u>
Refill			AC100
Canister ID:	2	Colorant Code:	B810
Min[ML]:	200	Max(ML):	1250
Waming[ML]:	230	Existing[ML]:	0
Refil[ML]:	250	Refil	Cancel
2	1	2	li

vi. When the job is done, you got a message that it has been completed.



vii. It is quite normal for the device to miss a small amount during the dispensing process. Therefore, when the job is done, you can click on the Add Remaining Quantities button, and the device will add the missing quantity again.





7. Troubleshooting

The software may display certain warnings or error messages. You can find below a list of common error or warning messages along with their corresponding solution or information.

Message	Description
×	* This message appeared once you click on the Mix button on the formulation page.
Device Registration Failed.	* It means the device is not registered on your PC.
ОК	* Review Section 5 (Part: B)
×	* This message appeared once you click on the Mix button on the formulation page.
E0200217 : eScale initialization failed	* It means the scale is not connected or it's off.
ОК	* Make sure it is connected to the PC and it is on.
I0202006 : Failed to connect dispenser, please check.	* This message appeared once you click on the Mix button on the formulation page.
ОК	* It means the AC100 device is not connected to the PC. Or it's off.
	* Make sure it is connected to the PC and it's on.
×	* This message appeared once you click on the Mix button on the formulation page.
Cannot access a disposed object. Object name: 'AC100'.	* It means that the software is not able to connect to the device.
ОК	* Make sure that SantintService.exe is closed, and the device is on. A restart can be a solution.



MessageWindow	* This message appeared once you click on the Mix
MessageWindow	button or during the mixing process.
Error:	button of during the mixing process.
E11 : Emergency stop switch unreleased	* It means the Emergency stop button on the device is
unreleased.	pressed and can't do any mix.
	presseu anu can cuo any mix.
Abort	* Delegase the Emergency quitch button and restart
	* Release the Emergency switch button and restart
	your mix.
×	* This message appeared once you click on the Mix
	button on the formulation page.
There Are No components.	Ψ.1
and the second se	* It means the toners related to the selected
	formulation, are not assigned to any canister.
ок	
	* Change the formulation or add assign toners to the
	AC100 device (Review Section 5 – Part B)
Confirmation	* This message appeared once you click on the Mix
The Below Products Don't Exist On The Spooler.:	button on the formulation page.
B020,B210,B170,B810 Do You Want To Continue?	* It means that some of the toners in the formulation
	selected, are not assigned to any canister, you can
Yes No	proceed with the mix without these toners, or you can
	abort the job.
	* Abort the job and assign the missing toners to
	canisters (Review Section 5 – Part B), or continue the
	mix without the toners.
BessageWindow	* This message appeared once you click on the Start
Warning:	button to start the Mix.
10200100 : Please put a barrel to the	
right place!	* It warns you to add a barrel because the mix will
	start, and to prevent the mixture from spilling inside
	the machine.
ок	
line line line line line line line line	* Put a barrel on the scale.
🖷 MessageWindow	* This message appeared once the job is done.
Note:	* It reminds you to remove the barrel from the device.
I0200101 : Please remove the barrel!	,
	* Remove the barrel.
ОК	
1	



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8. Contact Information

For more information or comments, please do not hesitate to contact our Software support team by email at support.it@hymax.biz Or by phone at +961 9 925 990

We are available from 8:00AM (GMT) to 8:00PM (GMT).