

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

Dispensing Mode	Automatic Dispensing
Efficiency (Single Toner)	200 ml/min or 300 ml/min
Minimum Shot	0.015 ml
Pump Capacity	60 ml/ 90 ml (Optional)
Stirring Speed	20-25 rpm
Total Canisters	Up to 96
Canister Volume	84 x 1.25 L + 12 x 4.3L
Max Can Size (D x H)	200 x 180 mm (With Scale) – 200 x 280 mm
	(Without Scale)
Machine Dimension (W x D x H)	1770 x 1215 x 1400 mm (96 Toners)
Heating Module	Optional
Net Weight	650 Kg
Power	≤ 350 W
Power Supply	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	
GenMix 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 GenMix 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\General Paint\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

ر اڑا	Setup - GenMix Pro	_		Х
5				
	Select the components you want to install; clear the components you install. Click Next when you are ready to continue.	u do not	want to	_
	Select the components to install		~	
	Basic installers	3	3.0 MB 🔺]
		3	3.0 MB	
	.Net Frameworks	163	3.8 MB	
	Net Framework 4.0	48	3.2 MB	
	VI .Net Framework 4.8	115		
	Univers		1.9 MB	
		11	.9 MB	
	Current selection requires at least 1.11 GB of disk space.			-
	Back Ne	ext	Can	cel

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 GenMix Pro software.
- ii. Access the Parameters section, and move to the AC100 category.

Parameters		
Categories	AC100 Activation Code	
General		
Cost Brackets		
Costs		
Database Location		
Inortcuts	AC100 Device ID	
Customers		
Backup	FF78EAD80A5CC8EF3026D6B4D5468ABA	Сору
lob Management		
Custom System		
AC100		
viy information	AC100 User Data Path	
volume Estimator		
	C·\ProgramData\General Paint\AC100\UserData	Browse
	c. (Frogrambaca (General Paint (AC100 (GSerbaca	DIOWSE

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.



General Paint Co. GenMix Pro SANTINT AC100 Dispenser Installation

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



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

AC100 User Data Path	
C:\ProgramData\General Paint\AC100\UserData	Browse

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				
Dispenser C	ode AC100 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	•	



1

· This PC → Desktop → New folder	✓ ♂ Search New folder
folder	■ ▼ 11 ?
GenMix_Toners.c sv 2	
ile name: GenMix_Toners.csv	✓ Csv File (*.csv) ✓
	Csv File (*.csv)

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				726		BASECOAT LEMON GREEN	0.9610	×
2				729		BASECOAT BRIGHT YELLOW	0.9620	
3				733		BASECOAT MEDIUM YELLOW	0.9500	
4 1 (One Click			734		BASECOAT TRANSPARENT YELLOW	0.9670	
5	She enek			735	2 Double	BASECOAT OXIDE YELLOW	1.0293	
6				737	2. Double	BASECOAT ORANGE	0.9460	
7				738	Click	BASECOAT LIGHT YELLOW	1.0100	
8				741	CHCK	BASECOAT RED LUMINA	0.9530	
9				742		BASECOAT ORANGE LUMINA	0.9580	
10				745		BASECOAT OXIDE RED	1.0400	
11				746		BASECOAT BRIGHT RED	0.9600	
12				747		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

AC100			_ 🗆
	Abort		Dispensing Status
Product	Target Weight (G)	Actual Weight (G)	Remaining Weight (G)
702			
721	15.8	0	0
717	6.9	0	0
781	3.4	0	0

iii. Click on the Start button to start dispensing.

🖳 AC100			_ 🗆 X
	Abort		Dispensing
Product	Target Weight (G)	Actual Weight (G)	Remaining Weight (G)
702			0
721	15.8	15.8	0
717	6.9	6.9	0
781	3.4	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			- O X
Refill			AC100
Canister ID:	2	Colorant Code:	781
Min[ML]:	200	Max[ML]:	1250
Warning[ML]:	230	Existing[ML]:	0
Refil[ML]	250	Refil	Cancel
	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.
×	* This message appeared once you click on the Mix
	button on the formulation page.
10202006 : Failed to connect dispenser, please check.	* 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
Frror	button or during the mixing process.
E11 : Emergency stop switch unreleased.	* It means the Emergency stop button on the device is pressed and can't do any mix.
Abort	* 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.	* 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 × The Below Products Don't Exist On The Spooler.: 702,721,717,781 Do You Want To Continue? Yes No	 * This message appeared once you click on the Mix button on the formulation page. * It means that some of the toners in the formulation selected, are not assigned to any canister, you can 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.
n MessageWindow	* This message appeared once you click on the Start
Warning:	button to start the Mix.
I0200100 : 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.
	* Put a barrel on the scale.
💀 MessageWindow	* This message appeared once the job is done.
Note: 10200101 : Please remove the barrel!	* It reminds you to remove the barrel from the device.
	* Remove the barrel.
ОК	



8. Contact Information

For more information or comments, please do not hesitate to contact the General Paint Software support team by email at support.it@generalpaint.biz Or by phone at +961 9 925 990 We are available from 8:00 AM (GMT) to 6:00 PM (GMT).