


DOCUMENT NUMBER: <b>FM-000-0004-48</b>	TITLE: <b>Form - Product Change Notice</b>	
REVISION: H DCO# DC0005391	DOCUMENT CLASSIFICATION: 04-Forms, Templates or Other	

**PCN Number:** PCN386433-001      **Revision:** A      **Creation Date:** 08 Feb 2023

**This Product Change Notice supersedes the following documents:**

PCN383657-001
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**Description and Reason for Change:**

We are writing to inform you that as part of our proactive sustaining engineering program, we are releasing a new firmware version for IntelliXcap™ Automated Screw Cap Decapper/Recapper range. Firmware V50 is now available for all units and came to replace firmware version V45 (intended for IntelliXcap 24 and IntelliXcap 48) and V49 (latest official firmware version released in August 2021, for IntelliXcap 96 and IntelliXcap Acoustic). This new firmware brings in lots of additional features, self-calibration and service tools, amongst other small improvements requested by end-users. Moreover, the new firmware version was designed to increase cap driver motor reliability by reducing the stress applied to the part during operation, without compromising equipment performance.

This change will be effective as of February 20<sup>th</sup>, 2023 and will affect:

- IntelliXcap™ Automated Screw Cap Decapper/Recapper 96-format
- IntelliXcap™ Automated Screw Cap Decapper/Recapper 48-format
- IntelliXcap™ Automated Screw Cap Decapper/Recapper 24-format
- IntelliXcap™ Automated Screw Cap Decapper/Recapper Acoustic 96-format

**Impact of Change:**


Firmware Version 50 for IntelliXcap™ Automated Screw Cap Decapper/Recapper range will:

- Add new settings to reduce the stress on the cap driver motors without impacting performance. The cap driver motors were failing prematurely (data shows at approximately after 10'000 cycles) with the previous releases.

- Reduce overall runtime of the motors by 33%
- Double cap driver motor longevity\*
- Allow extension of the Cartridge list and improve profile management
- Improve light curtain performance
- Improve error recovering management
- Offer a new graphical user interface for a more modern look & feel

*(\*) As shown in data collected during internal evaluations. In the performed trials, the cap driver motors were subject to approximately 50 cycles/h where less demanding applications will show better results. Results may vary in the field depending on the application and scope of use.*

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**Affected Part Numbers:**

This PCN affects Part Numbers listed below:

Part Number	Item Description
46-8012	ASSY,INTELLIXCAP,DECAPPER,96-CHANNEL
46-8011	ASSY,INTELLIXCAP,DECAPPER,48-CHANNEL
46-8010	ASSY,INTELLIXCAP,DECAPPER,24-CHANNEL
46-8014	ASSY,INTELLIXCAP,DECAPPER,96-CHANNEL,ACOUSTIC CP
46-8012R	REFURB,ASSY,INTELLIXCAP,DECAPPER,96-CHANNEL
46-8011R	REFURB,ASSY,INTELLIXCAP,DECAPPER,48-CHANNEL
46-8010R	REFURB,ASSY,INTELLIXCAP,DECAPPER,24-CHANNEL
46-8014R	REFURB,ASSY,INTXCAP,DECAP,96-CHANNEL,ACOUSTIC CP


**Replacement/Alternative Part Numbers**

Not applicable.  
This change will not affect availability of any of the product codes mentioned in this document.

**Specification of alternative products**

Software/Firmware	Version 50
Controller	50.2
Display	23.02
Light Curtain	20.1

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**Recommended Action:**

**NEW ORDERS:**

Please continue to order the product codes listed on “*Affected Part Numbers*” section to have the new firmware version V50 installed in your decapper.

**UNITS INSTALLED IN THE FIELD:**

It is highly recommended to have all IntelliXcap units installed on the field upgraded to Firmware V50. The new firmware brings in lots of additional features, bug fixes, self-calibration and service tools, and it was designed to increase cap driver motor reliability without compromising equipment performance. The upgrade can be done at customer site or at Azenta Life Sciences facilities, depending on the user preference. It is also recommended to replace all cap driver motors at the same time if the decapper is approaching 10’000 cycles to ensure performance. Please contact your Azenta Life Sciences representative to know how to request a firmware upgrade of your device.

**Timeframe for Implementation:**

Effective from February 20<sup>th</sup>, 2023.

**Appendix:**

N/A


**For more information, please contact:**

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Further contact information can be found at <https://www.azenta.com/contact-us>

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**1 RECORD RETENTION**

For Control and Retention of Quality Records, see QMS101517

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