



President's Message

For over 30 years I have watched compressed air fluid dispensing systems create numerous headaches for manufacturers. To remedy this situation we have spent the past decade developing solutions that eliminate compressed air from the fluid assembly process.

More and more of our solutions are finding their way onto production lines of manufacturers that have embraced the technological innovations offered by Fishman® Corporation; advancements that free them from the assembly fluid nightmares and lost profits they endured with compressed air fluid dispensing systems.

The technological bedrock of our systems is AlgorithmicControl,™ which when working in tandem with our patented AirFree® Technology, eliminate problems and increase profits. Once manufacturers see what AirFree® Technology can do for them, they are sold on its merits. Shortly after selecting our solutions, our customers begin to see that in addition to our innovative technology, it is the people behind Fishman® that truly set us apart.



When you purchase a SmartDispenser® Fluid Dispensing System you are gaining access to a group of people who not only believe in our products, but more important, are dedicated to assuring your success. When you need us, you can always count on us to be there for you. Moreover, we never put a price on what you need to make our products work for you. Instead, we will do whatever it takes to make sure you are satisfied with our solutions and with our company.

Fishman® was incorporated in 1958, and purchased by my family in 1976, I am a second generation owner. Our management team has over 70 years of combined experience perfecting the science and art of fluid dispensing systems. After you review our Assembly Fluid Application Program (AFAP) Catalog, I welcome you to provide us with the opportunity to earn your trust, and with it your business.

Scott Beebe, President

Table of Contents

AFAP Program Overview	4
AFAP Program Choice 1	8
AFAP Program Choice 2	10
AFAP Program Upgrade 1 to 2.....	12
AFAP Program Choice 3	16
AFAP Program Choice 3 (19 Inch Din Rail Mount).....	17
AFAP Program 2 to 3	18
The Difference in Technology	20
AFAP Genius® Components.....	22

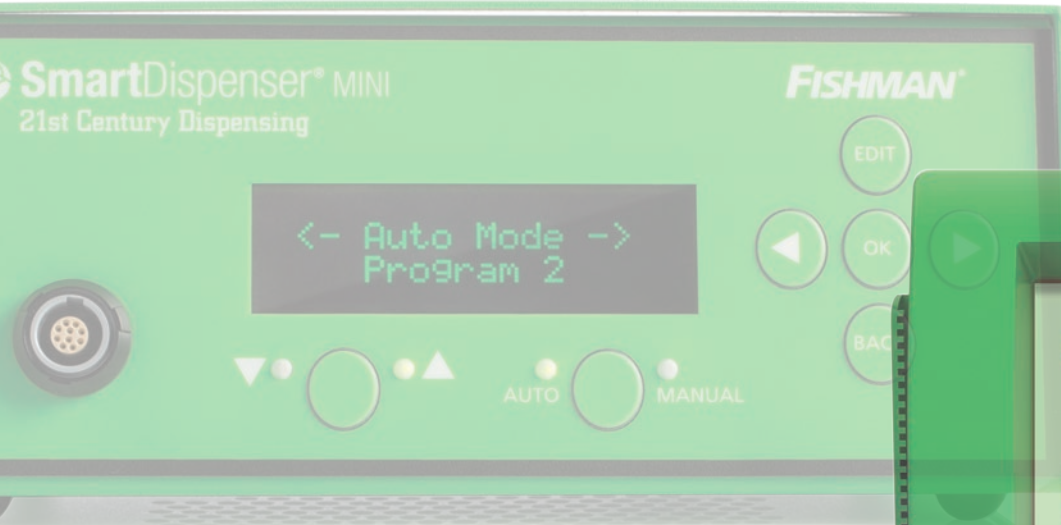
Introduction

Fishman® Corporation's Assembly Fluid Application Program (AFAP) is targeted at companies using assembly fluids in the manufacturing of products. The program is designed to ease the selection and ordering process of fluid dispensers, so you can find the best solution to reduce manufacturing downtime, which will result in greater throughput and profits.

The program consists of three choices, covering manufacturers doing annual production yields ranging from low to mid to high. Attached are 6 data sheets outlining the entire program. They are as follows:

- AFAP Program Overview
- AFAP Program Choice 1
- AFAP Program Choice 1 Buy Back Certificate
- AFAP Program Choice 2
- AFAP Program Choice 3
- AFAP Genius® Components

Once you review the materials, we are convinced you will see how our Assembly Fluid Application Program will help you to increase annual throughput and profits.



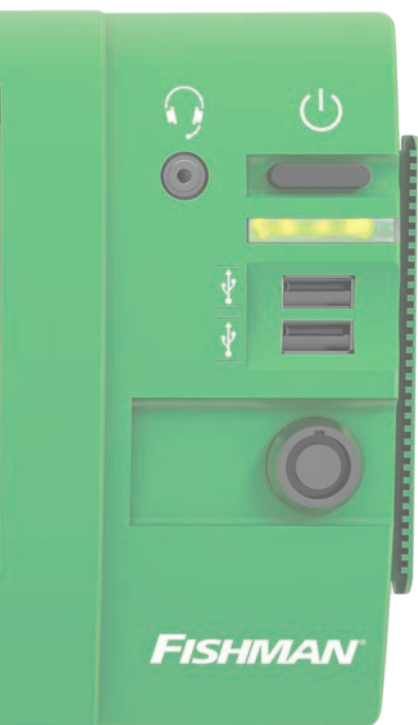
1 Fishman[®] makes it easy to go from the MINI...



2 ...to the Benchtop System...



AFAP Program



3 ...to the SmartAutomation™ Platform

AlgorithmicControl™
AirFree Technology

AlgorithmicControl™ is the key to achieving optimum precision in fluid dispensing. Without it, manufacturers are left with hit and miss calculations that miss way more than hit. These miscalculations are the norm when compressed air systems are being used on the assembly line.

Compressed air is an unstable and ever-changing gas on which algorithms cannot be accurately applied. AlgorithmicControl™ offers a world of advantages that are unattainable with compressed air.



Program Choice **1**



Program Choice **2**



Program Choice **3**

Three Program Choices for General Fluids Assembly

Each is intended to serve a different production need. For additional information, see attached Data Sheets—

Program Choice

1

The SmartDispenser® MINI—*includes only the AlgorithmicControl™ portion of AirFree® Technology*—ideal for limited budgets and mid to high throughput production.

Program Choice

2

The SmartDispenser® Benchtop System—*includes the full AirFree® Technology operating system*—perfect for mid to high throughput production.

Program Choice

3

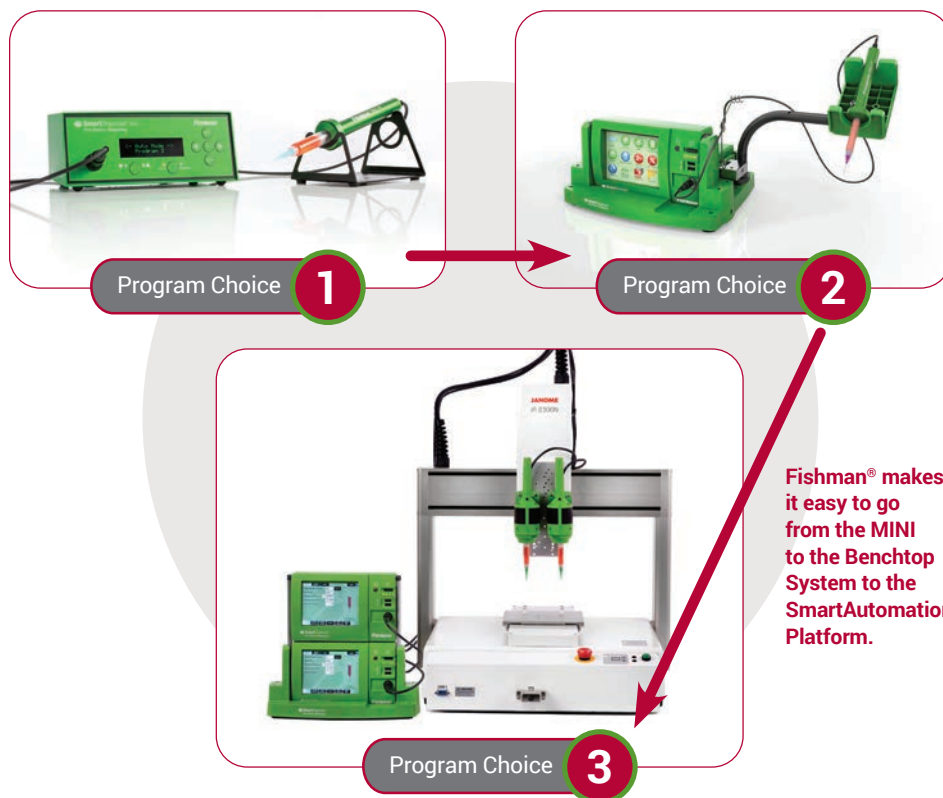
The SmartAutomation™ platform, featuring the SmartDispenser®— *includes the full AirFree® Technology operating system, SmartReload™ Station and Janome Benchtop Robot*—suitable for automated high production throughput.



AirFree® Technology lets manufacturers gain total control of their processes, because it gives them a controller with intelligence.

The SmartDispenser® performs precise functions without human input and errors. Its high level of intelligence is strengthened further by the array of innovative solutions available only from Fishman.®

They include SmartApps,™ and other technologies designed to enhance processes, and by doing so help to make manufacturers more successful.



The best part about each Program Choice is that they are upgradable to the next option—

Program Choice

1

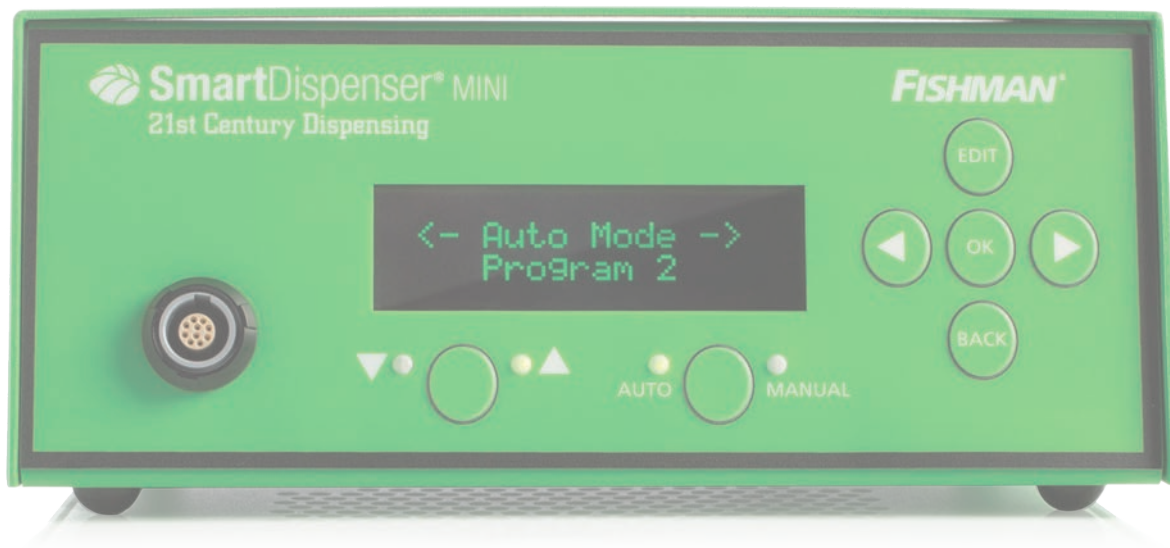
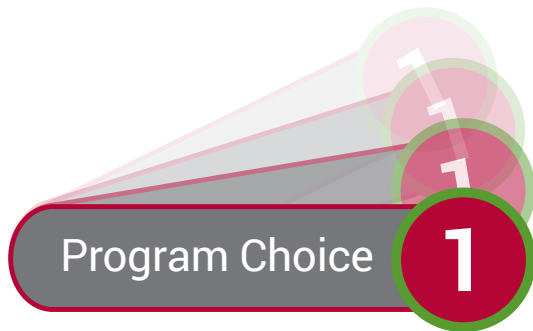
The SmartDispenser® MINI comes with a buyback program to upgrade to the SmartDispenser® benchtop system—see attached certificate.

Program Choice

2

The SmartDispenser® Benchtop System can be integrated into the SmartAutomation™ platform. So, if manufacturers know they will automate down the road, they can buy the SmartDispenser® Benchtop System now, and the SmartAutomation™ platform later.

With these three Program Choices, the original investment is never lost. As a customer's production grows, so does the SmartDispenser®; the most flexible fluid dispensing system available today.



AlgorithmicControl™ AirFree® Technology

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Program Choice

1



AlgorithmicControl™ AirFree® Technology

The SmartDispenser® MINI Benchtop System with AlgorithmicControl™ for general assembly is designed to dispense a wide range of assembly fluids, such as epoxies, adhesives, lubricants, sealants and pastes. The system, which can be used with fluid dispense guns of various sizes, makes certain each product is assembled reject-free, assuring 100% production yields. Bottom line: the SmartDispenser® MINI with AlgorithmicControl™ provides manufacturers with the performance of a SmartDispenser® at a more affordable price, which is advantageous when running budget sensitive applications.



Program Choice

2



AlgorithmicControl™

AirFree® Technology

AlgorithmicControl™ is the key to achieving optimum precision in fluid dispensing. Without it, manufacturers are left with hit and miss calculations that miss way more than hit. These miscalculations are the norm when compressed air systems are being used on the assembly line. Compressed air is an unstable and ever-changing gas on which algorithms cannot be accurately applied. AlgorithmicControl™ offers a world of advantages that are unattainable with compressed air.



AirFree® Technology

The SmartDispenser® features AirFree® Technology. It not only delivers AlgorithmicControl™, but it also provides manufacturers with a host of other benefits not possible with compressed air systems. AirFree® Technology—

- Provides automatic production data reporting that management can review
- Eliminates human error by reducing operator interaction with the use of tools such as bar code scanning
- Makes available an on-board database that lets the SmartDispenser® make decisions like verifying the assembly fluid, automatically loading a program and locking the system when wrong operator choices are made
- Allows the SmartDispenser® to network with servers or MES systems for command, control and reporting functions

As new versions of AirFree® Technology are released, the SmartDispenser® can be safely updated with the latest innovations via a local USB memory stick. Fishman® Corporation also offers SmartApps™ that let manufacturers customize their SmartDispensers® to enhance their specific process.





1 Fishman® makes it easy to go from the MINI...



2 ...to the Benchtop System

Program Upgrade

1 → 2



SmartDispenser® MINI
AirFree Technology



SmartDispenser®
AirFree Technology

BUY BACK CERTIFICATE

★ FULL PRICE CREDIT ★

Enjoy the best of both worlds—when you're ready to move up from the SmartDispenser® Mini to the industry 4.0 ready SmartDispenser®, simply email the certificate and the serial number off the back of the MINI, and you'll receive a product credit for the full price of the SmartDispenser® Mini.

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FISHMAN®
Dispensing Innovation®



Program Choice

3

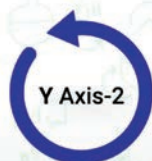




Production Data Report – Device History Record

SmartDispenser Name	SD 1		
Fluid Deposits Total	50,542		
Fluid Deposits Today	2,349		
		4/19/19	4/18/19
Fluid Deposits Last 28 Days		2,398	2,492
Hour		1	2
Fluid Deposits Last 24 Hours		299	289
		Date	
Dispense Program Used	P5	4/16/19	
	P5	4/17/19	
	P5	4/18/19	
	P5	4/19/19	
	ID	Name	Date
Operator 1	10	Chris Williams	4/16/19
Operator 2	14	Tina Hendrix	4/17/19
Operator 3	16	Louis Plant	4/18/19
Operator 4	22	Patricia Oar	4/19/19

Eliminate Human Error



Program Choice

3



AirFree® Technology

Thanks to the AlgorithmicControl™ feature of AirFree® Technology, algorithms controlling the automation system axes can now be coordinated with algorithms controlling the LinearDrive™ System of the SmartDispenser®. This provides unprecedented control of fluid deposits and fluid beading, achieving flawless automation. This major innovation and the advantages gained from having it are only available from Fishman® Corporation.

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- Provides automatic production data reporting that management can review
- Eliminates human error by reducing operator interaction with the use of tools such as bar code scanning
- Makes available an on-board database that lets the SmartDispenser® make decisions like verifying the assembly fluid, automatically loading a program and locking the system when wrong operator choices are made
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Program Choice

3



[▶ Watch Video 1](#)

[▶ Watch Video 2](#)

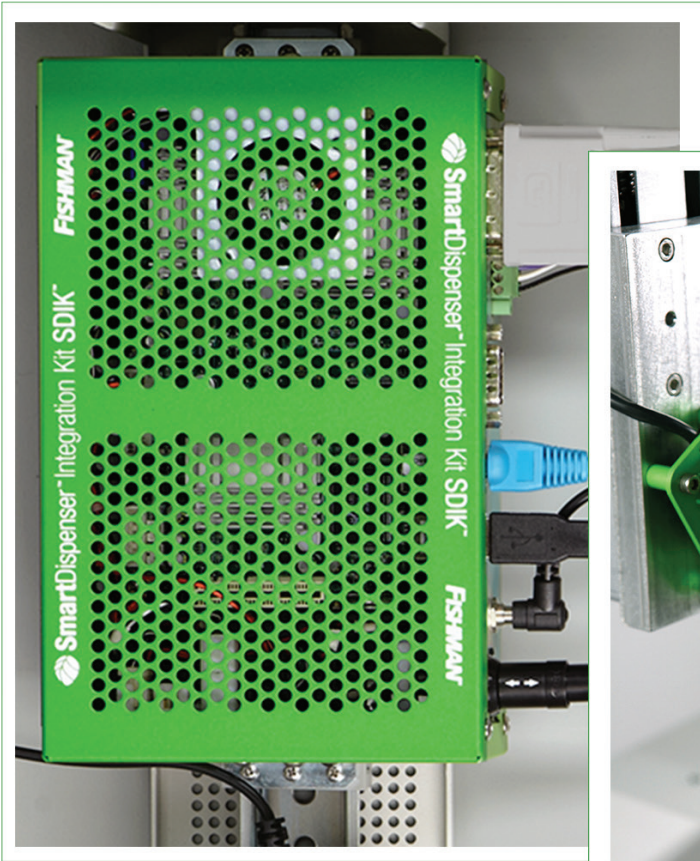
[▶ Watch Video 3](#)

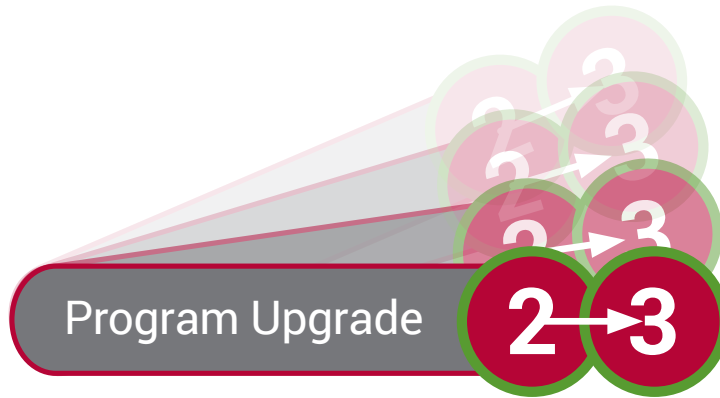
SmartAutomation™
AirFree® Technology

All automation systems are built with multiple axes. Algorithms are used to coordinate these axes. With AirFree® Technology's AlgorithmicControl™ feature, manufacturers can at last replace their compressed air systems, and bring the power and precision of algorithms to the fluid dispensing drive system. And, the only system on the market today with the capabilities to do this is the LinearDrive™ System of the SmartDispenser.®

Program Choice **3**

With Optional
19 Inch Din Rail Mount





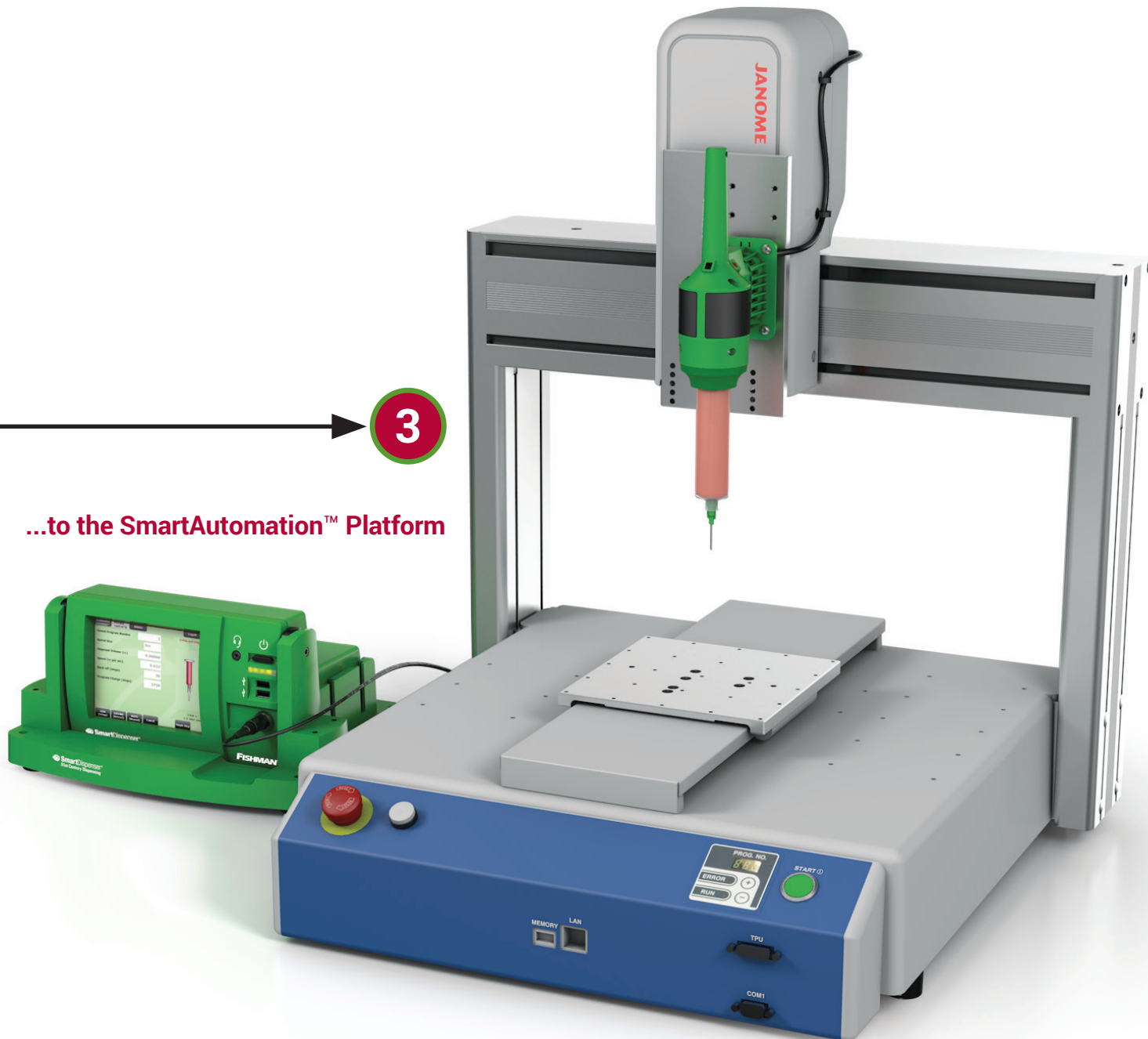
2

Fishman[®] makes it easy to go from the Benchtop System...



3

...to the SmartAutomation™ Platform



The Difference in Technology

Program Choice 1 provides manufacturers with an excellent starting point in terms of the technological innovations offered by Fishman[®] Corporation. These two links will take you to a pair of informative videos that illustrate why our fluid dispensing solutions are so much more effective than any other product on the market today.

Program Choice

1



[▶ Watch Video](#)



AlgorithmicControl[™]

AirFree[®] Technology

[▶ Watch Video](#)



Program Choices 2 & 3 provide manufacturers with the full complement of technological advancements offered by Fishman® Corporation. These eight links will take you to an array of informative videos that illustrate how these innovations make our fluid dispensing solutions considerably more effective than any other product on the market today.

Program Choices

2 & 3

[▶ Watch Video](#)


AlgorithmicControl[™]
 AirFree® Technology

[▶ Watch Video](#)

SmartApp[™]
 AirFree® Technology

[▶ Watch Video](#)

SmartNetworking[™]
 AirFree® Technology

[▶ Watch Video](#)

SmartScanning[™]
 AirFree® Technology

[▶ Watch Video](#)

SmartReporting[™]
 AirFree® Technology


[▶ Watch Video](#)

SmartRecycling[™]
 AirFree® Technology

[▶ Watch Video](#)

SmartValve[™]
 AirFree® Technology

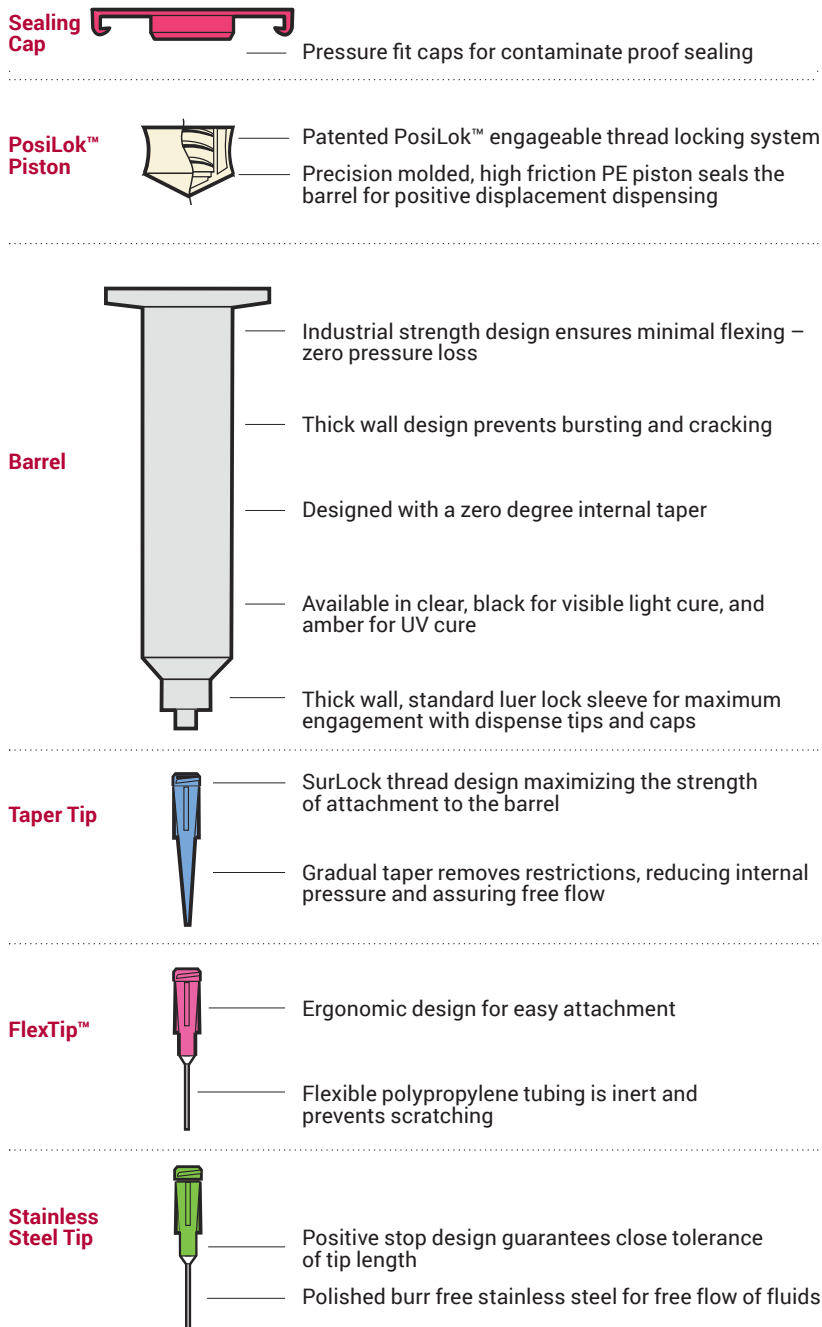
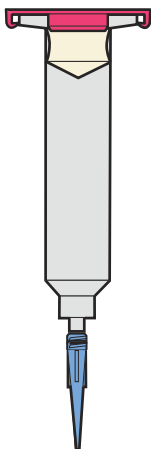
[▶ Watch Video](#)

Genius® Components 



Genius® Dispensing Components

Genius® dispensing components offer a thick wall design that eliminates flexing and promotes a zero draft that assures smooth flow. The disposable design of these dispensing components also does away with the need and use of harmful cleaning agents such as MEK or acetone. Moreover, the polypropylene reservoir protects assembly workers from coming in contact with harmful assembly fluids. Plus, when empty, the capped syringe acts as a sealed container making disposal easy and safe.



Assembly Fluid Application Program (AFAP)

AFAP Program



Program Choice

1



Program Choice

2



Program Choice

3



For more information on Fishman's® Assembly Fluid Application Program (AFAP) as well as on any of the other innovative solutions and programs outlined in this catalog, please contact a sales representative at 800-433-2115.