



add flow

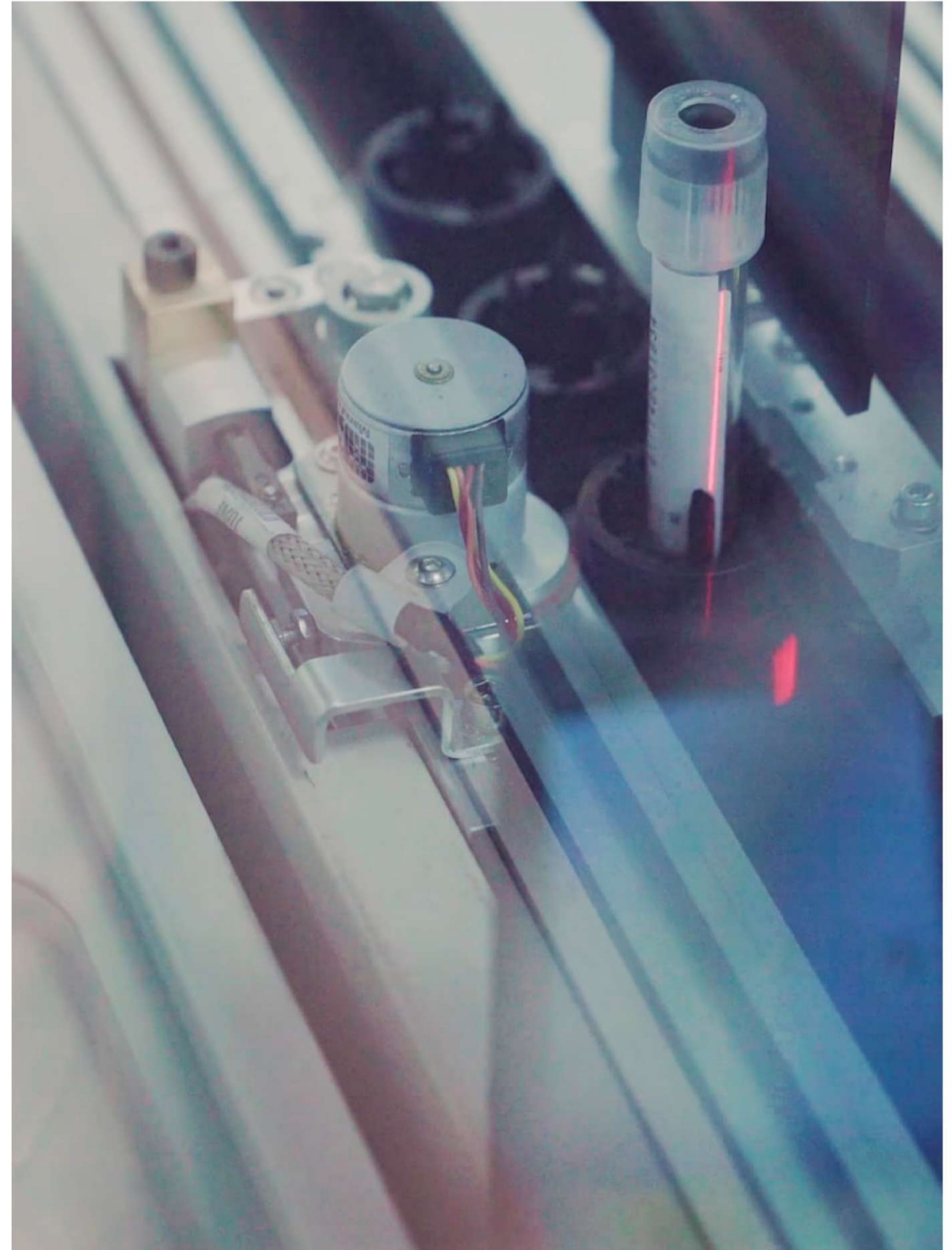
PRODUCT CATALOGUE



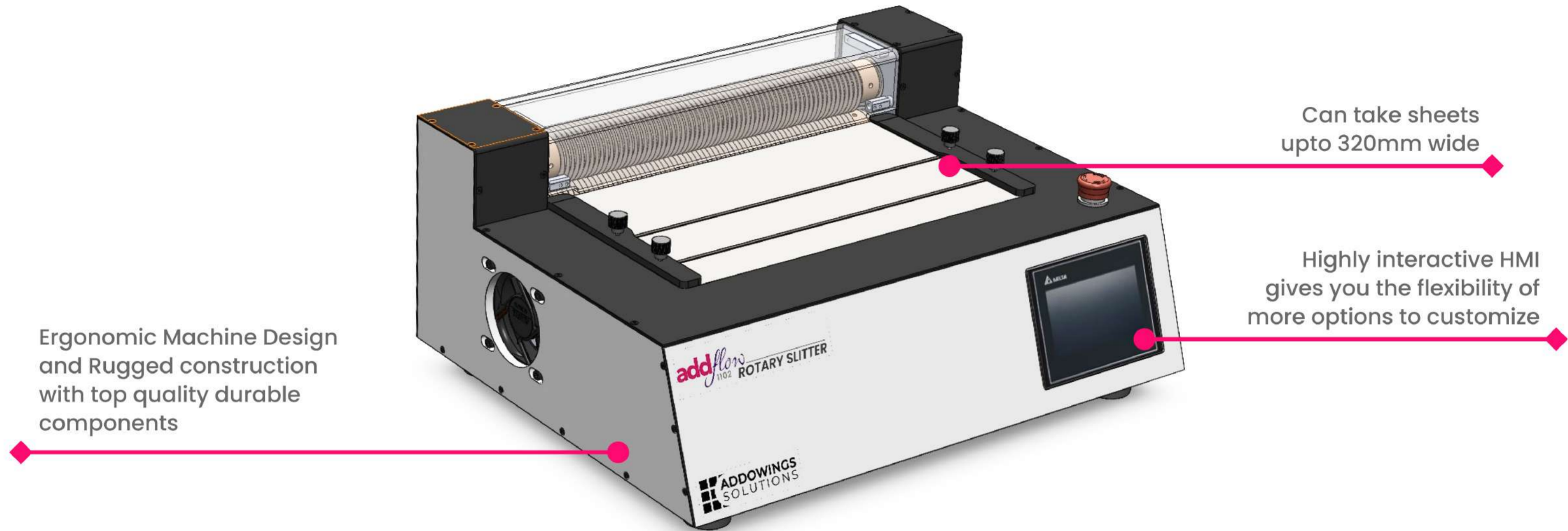
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Please Note: The specifications are subject to change based on the continuous development cycle. Weight and Dimensions are approximate figures, they will vary depending on customization and other factors. The depicted images are only for reference and the actual machines may vary in appearance.



Rotary Slitter - 1101



Description

The AddFlow-1101 Rotary Slitter is a high-speed precision cutting equipment that is designed to slit a wide variety of rapid diagnostic test strip materials, like finished cards/uncut sheets/glucose rows into strips of desired widths. This powerful unit can easily support any slitting requirements from product development through production quantities. It is equipped with a rotary blade arrangement which is highly efficient for production and yields high throughput.

This simple unit works by manually inserting the card into blades between the guideways for smooth slitting action. In less than a second, the strips are available on the collection tray. It is built from quality components for long-life operations providing outstanding performance and value for money. The unit can be equipped with a highly interactive HMI, which gives you more options to customize or with durable and simple to use switches.

Rotary Slitter - 1101

Features

- Ergonomic machine design & rugged construction with top quality durable components.
- Simple operation with very minimal maintenance (only cleaning) provides longer usage cycles.
- Well designed output arrangement enables easy defect identification as the cut strips are uniformly spread on the collection tray.
- The entire card is cut into strips ensuring sharp edges in a single pass leading to high productivity.
- Specially engineered blades are mostly compatible with all test strip materials.
- Ready to cut multiple type of cards

Technical Specifications

Capacity	720 cards/hour (Based on 5 second card feeding interval)
Applicable Card length	320mm
Applicable Card width	100mm
Applicable Card thickness	Max 2.5mm (Depends on card characteristics)
Strip cut width	Cut size is custom made to order
Card Loading/Feeding Method	Manual
Cutting Accuracy	± 0.1 mm
Cutting Module	Hardened Tool steel blades.
Dimensions	Approx. 525 (L) x 405 (W) x 235 (H) mm w/o Tray
Weight	~40 Kgs
Power	230VAC, 1P, 50/ 60Hz
Current	10 Amp
Optional	Touchscreen HMI Based Operating System Physical Switches Based Operating System Can be customized based on requirement

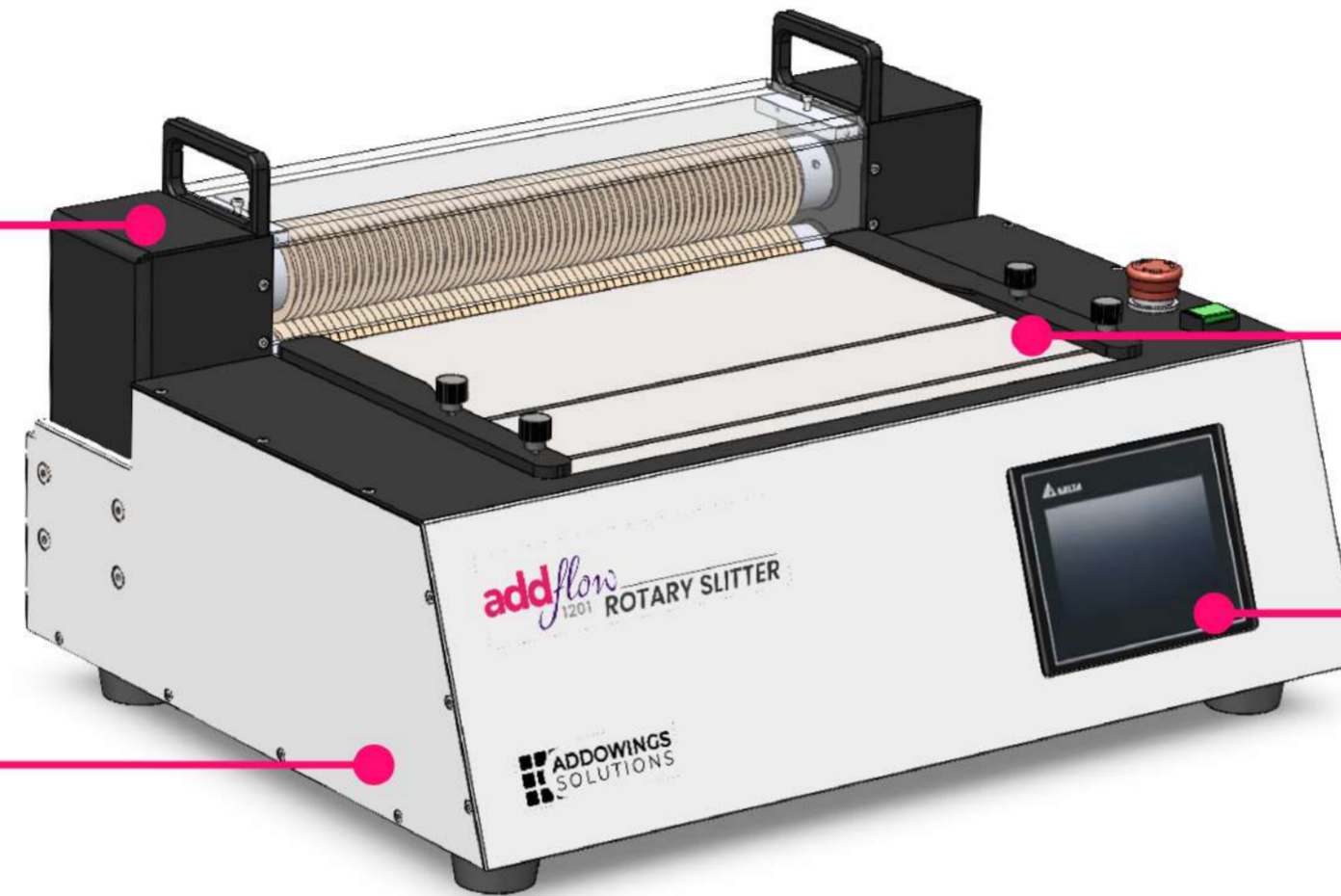
Rotary Slitter - 1201

Easy Swappable blade arrangement to slit cards of various sizes within no time

Can take sheets upto 320mm wide

Ergonomic Machine Design and Rugged construction with top quality durable components

Highly interactive HMI gives you the flexibility of more options to customize



Description

The AddFlow-1201 Rotary Slitter is a high-speed precision cutting equipment designed to slit a wide variety of rapid diagnostic test strip materials, like finished cards/uncut sheets/glucose rows into final strips of desired widths. This powerful unit can easily support any slitting requirements from product development through production quantities. AddFlow Rotary Slitter has a unique quick change, swappable rotary blade arrangement, which provides high flexibility and enables you to slit various width on the same equipment saving resources.

The unit works by manually inserting the card into the blades between the guideways. In less than a second, the slitting operation is completed & the strips are available on the collection tray. It is built from quality components for long-life operations providing outstanding performance and value for money. The unit is equipped with highly interactive HMI, which gives you more options to customize the functioning as per your requirement.

Rotary Slitter - 1201

Features

- Ergonomic machine design & rugged construction with top quality durable components.
- Easy swappable blade arrangement to slit cards of various sizes with no lead time.
- Simple operation with very minimal maintenance (only cleaning) provides longer usage cycles.
- Well designed output arrangement enables easy defect identification as the cut strips are uniformly spread on the collection tray.
- The entire card is cut into strips ensuring sharp edges in a single pass leading to high productivity.
- Specially engineered blades are mostly compatible with all test strip materials.
- Ready to cut multiple type of cards with an integrated memory function which retains variable settings for each card type.
- Highly interactive HMI gives you the flexibility of options to customize.

Technical Specifications

Capacity	720 cards/hour (Based on 5 second card feeding interval)
Applicable Card length	320mm
Applicable Card width	100mm
Applicable Card thickness	Max 2.5mm (Depends on card characteristics)
Strip cut width	Cut size is custom made to order
Card Loading/Feeding Method	Manual
Cutting Accuracy	± 0.1 mm
Cutting Module	Hardened Tool steel blades.
Dimensions	Approx. 600(L) x 410(W) x 260(H) mm
Weight	~45 Kgs
Power	230VAC, 1P, 50/ 60Hz
Current	10 Amp
Options	Can be customized based on requirement

Programmable Strip Cutter - 2101



Quick Change Blades for maintenance

High Speed Cutting Operation and low maintenance provides relaxed usage

HMI gives you the flexibility of options to customize cutting operation

Description

The AddFlow programmable guillotine strip cutter is a high-speed precision cutting equipment that is designed to cut various types of diagnostic test strip products, lateral flow tests, & bio-sensors into final strip forms. Along with that, it can also be used to cut dry biochemical test paper, dry chemical test paper, & other materials. The user can manually load the card/sheet between the easily adjustable infeed guideway, where the uniquely designed blades cut the strips one at a time, achieving fine accuracy and precision.

The cutting width can be easily changed for various sizes using its touchscreen control interface. The interface displays various parameters such as strip width, strip count, cutting speed, etc. It comes with multiple capacity options, thus becoming an ideal unit for R&D or any production-scale facility.

Programmable Strip Cutter - 2101

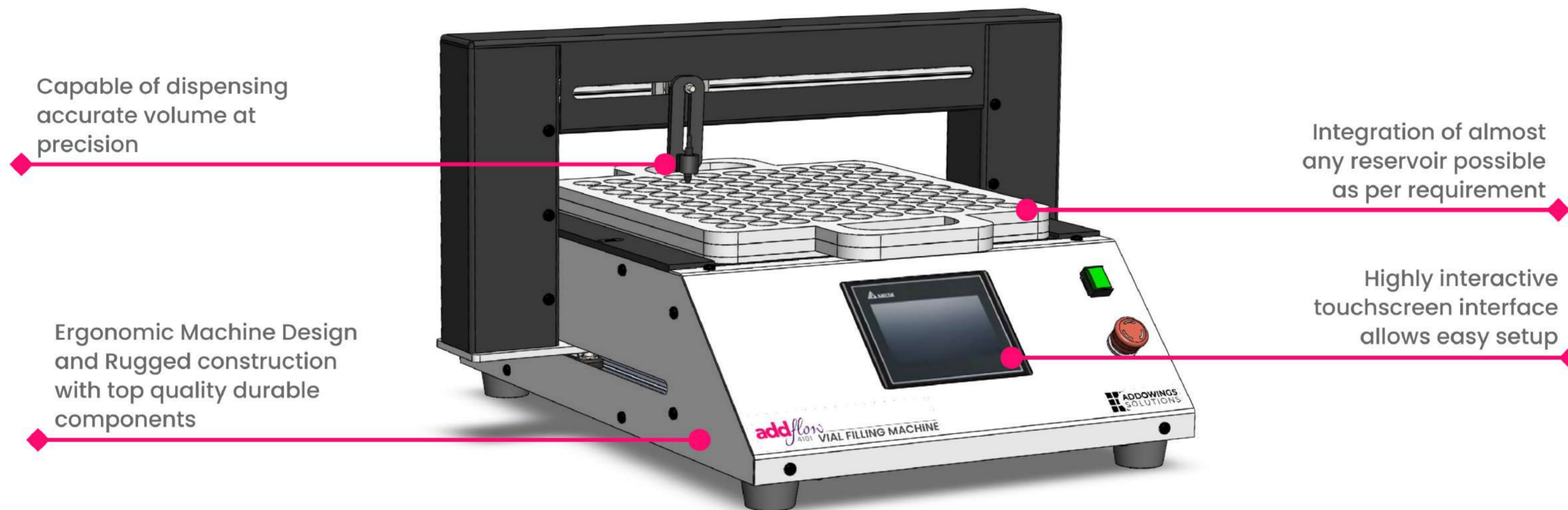
Features

- Ergonomic Machine Design and Rugged construction with top quality durable components.
- User-friendly machine interface gives you the flexibility of options to customize such as cut width, cutting speed, memory storage, etc.
- High-speed cutting operation with low maintenance provides relaxed usage.
- Simple calibration. Card width can be readily adjusted via the touchscreen panel without any mechanical adjustments.
- Specially engineered blades are mostly compatible with all test strip materials for optimized cutting.
- Blades can be quickly changed for maintenance.
- Compact, lightweight, and portable.

Technical Specifications

Model	2101	2102
Cutting Speed	240 strokes/min	480 strokes/min
Capacity (If fed continuously)	Approx 12000 strips/hr	Approx 24000 strips/hr
Minimum Cutting Width	1 mm	
Cutting Accuracy	± 0.1 mm	
Material Residue	15 mm	
Cutting Module	Hardened Tool Steel Blades	
Applicable Card width	100 mm	
Applicable Card thickness	2.5 mm Based on material	
Card Loading/Feeding Method	Manual	
Dimensions	Approx 445(L)x420(W)x320(H) mm	
Weight	~40 Kgs	
Power	230VAC, 1P, 50/ 60Hz	
Current	15 Amp	
Options	Can be customized based on requirement	

Vial Filling Machine - 4101



Capable of dispensing accurate volume at precision

Integration of almost any reservoir possible as per requirement

Ergonomic Machine Design and Rugged construction with top quality durable components

Highly interactive touchscreen interface allows easy setup

Description

The AddFlow 4101 Vial Filling Machine is a high-speed precision dispensing/filling system that can dispense various types of liquids, solutions, etc. with volume accurate to microliters. AddFlow Vial filling machine is equally suitable for small and large batch filling, product development, and clinical studies. Whether your operations require production-level output or batch-size output, our equipment makes it possible to cover all output ranges flexibly.

To use this simple equipment, the vials/bottles are positioned in an array on the tray which get filled with high precision once the fill cycle is initiated. It is built from industrial-grade components suitable for long-life operations providing performance and value for money. The unit is equipped with a highly interactive touchscreen interface, which gives you more options to customize the functioning of the unit as per your requirement.

AddFlow's Vial Filling Machine is designed and developed as per the GMP requirements, thus it can be used in any cleanroom working area. The cutting-edge technology used allows it to fill large types of volumes and liquids.

Vial Filling Machine - 4101

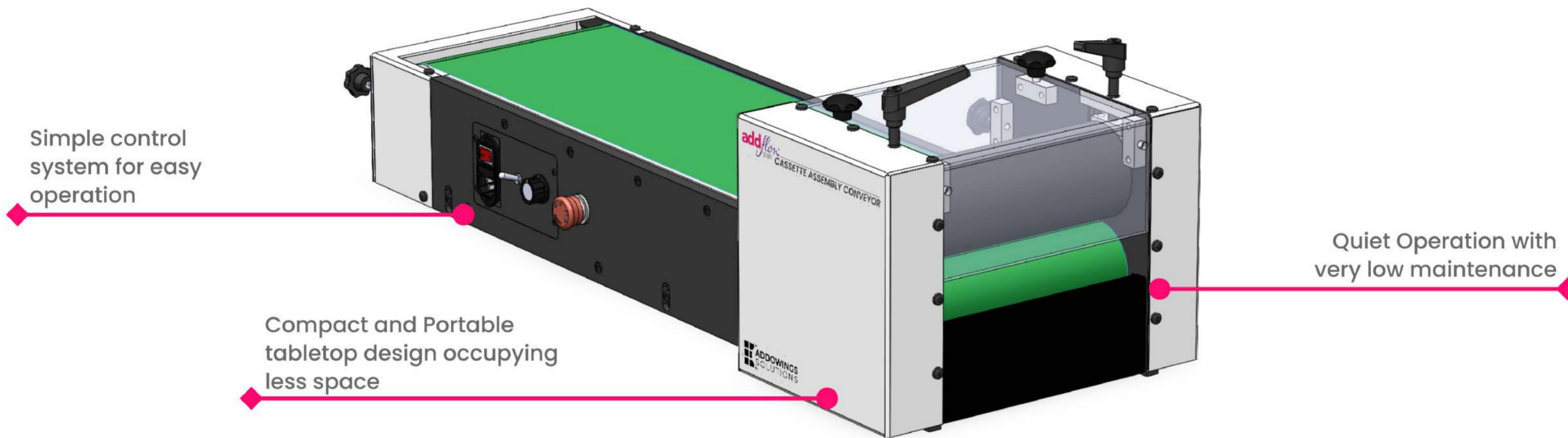
Features

- Capable of dispensing accurate volume at precision
- Lightweight portable table-top equipment with a small footprint.
- Batch size and production volume capabilities
- Highly interactive touchscreen interface allows easy setup
- Allows to store a variety of recipes/settings to run production at any moment
- Integration of any reservoir/vial within the working area possible as per requirement

Technical Specifications

Capacity	5 ml to 240 ml/min
No. of vials/bottles per cycle	Based on their size, typically 100 per tray
Performance	2.9s for 5ml per vial
Available product feed configuration	Automatic
Filling Accuracy	± 3%
No. of pumps	1
Allowed Vial Height	70 mm
Axis	Automatic (X & Y), Manual (Z)
Tray Size	320(L)x320(W)x20(H) mm
Vial/Bottle feeding method	Manual
Dimensions	Approx 590(L)x620(W)x335(H) mm
Weight	~25 Kgs
Power	230VAC, 1P, 50/ 60Hz
Current	5 Amp
Options	Machine Can be Customized based on the bottle diameter, bottle height and desired production volume

Cassette Assembly Conveyor - 3101



Description

The Cassette Pressing/Assembly Conveyor is a semi-automatic system designed to upgrade the manual assembly process of lateral flow device cassettes. It is a tabletop conveyor system that is portable and handy to use anywhere as per requirement. The top & bottom of the strip is aligned manually with the reference of pins on the bottom, and the assembly is then placed on the conveyor which then gets passed through a roller assembly, pressing the cassette completely.

AddFlow Cassette Pressing/Assembly Conveyor is a simple unit that is well suited for batch-size production and increases production by more than double as compared to the manual assembly process.

Cassette Assembly Conveyor - 3101

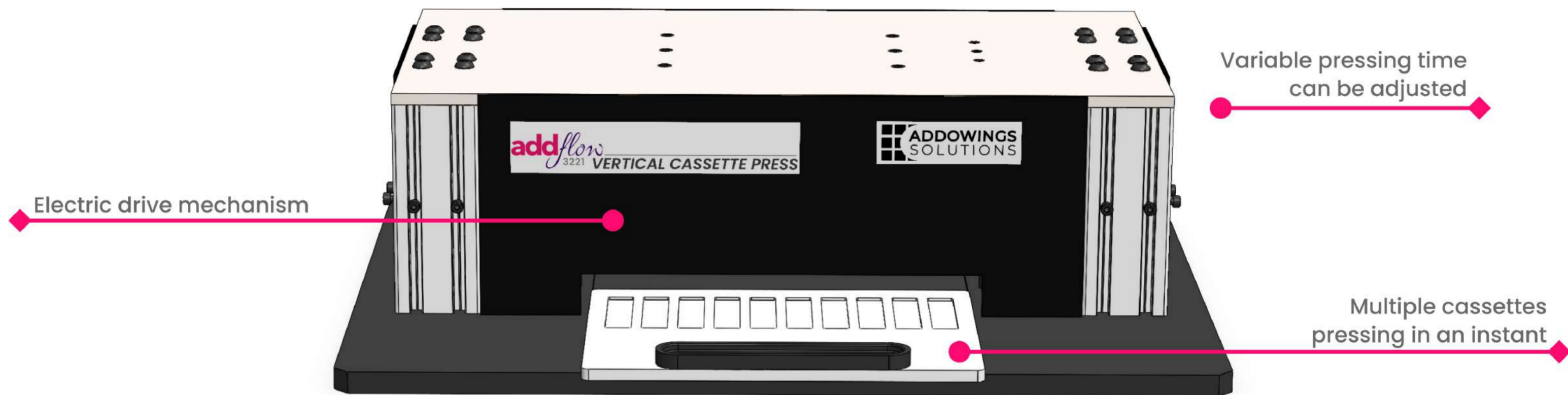
Features

- Compact and Portable tabletop design occupying less space
- Quiet Operation with very low maintenance
- Simple control system for easy operation

Technical Specifications

Model	3101	3102
Conveyor Length	840 mm	1250 mm
Dimensions	Approx 860(L)x320(W)x360(H) mm	Approx 1300(L)x320(W)x360(H) mm
Weight	~25 Kgs	~35 Kgs
Allowed Cassette thickness	4mm to 9mm	
MOC	Aluminium and SS 304	
Speed	0.4 m/s	
Capacity	Multiple cassettes pressing at an instance	
Performance	Based on manual feeding	
Power	230VAC, 1P, 50/ 60Hz	
Optional	Custom length/width Various tray models	

Vertical Cassette Press – 3221



Description

The AddFlow 3221 Vertical Cassette Presser is a simple equipment that is engineered to effectively press and assemble the diagnostic test kits/cassettes perfectly. The top and bottom of the kits/cassettes are manually aligned and positioned in the tray that slides inside the pressing station. A motion switch detects the presence of the sliding tray and initiates the pressing action.

A mechanism driven by an electric drive applies similar pressure to all kits/cassettes simultaneously maintaining the pressure for the necessary time to press the kits perfectly. The tray is released and pushed back towards the operator using a spring mechanism. Multiple trays can be provided to achieve maximum productivity.

Vertical Cassette Press – 3221

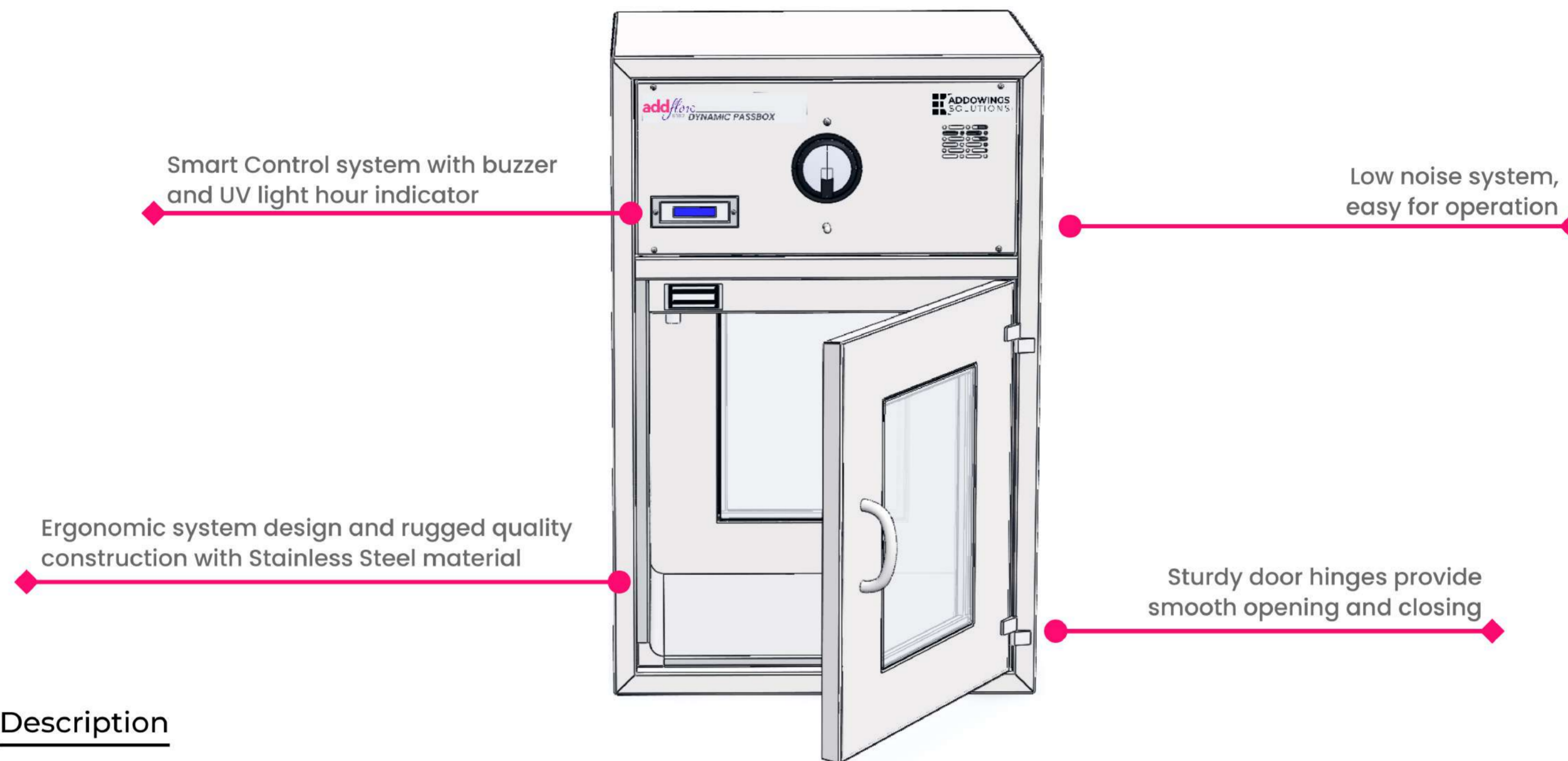
Features

- Multiple cassettes can be pressed in an instant
- Smooth and low noise operation
- Cassettes of Variable thickness can be pressed. pressing height & time can be adjusted
- Electric drive mechanism
- Low to No maintenance

Technical Specifications

Capacity	Based on cassette size; typically 10 cassettes per tray
Cycle time	5s; Operator and tray dependent
Applicable Cassette Thickness	5mm to 12mm
Cassette Loading Method	Manual
Dimensions	Approx 600(L)x460(W)x175(H) mm
Weight	~45 Kgs
Power	230VAC, 1P, 50/ 60Hz
Current	10 Amp
Optional	Change Parts for different cassettes/kits Extra trays for staging

Dynamic Passbox – 6102



Description

Dynamic Passbox is a necessity in the pharmaceutical industry that aids in the prevention of pollutants in a cleanroom or other areas. It is a cubical box setup between two classified areas to transfer material and maintain class between both areas. The passbox has interlocked doors on both sides that maintain the air from being contaminated. When the control switch is pressed, the doors operate with the help of an electromagnetic lock. When the doors are locked, the UV light turns on disinfecting the entire area, and when the doors are open, it automatically switches off. When the door is closed after keeping the material inside in order to transfer it to another classified area, UV light disinfects the material and maintains the area sterile.

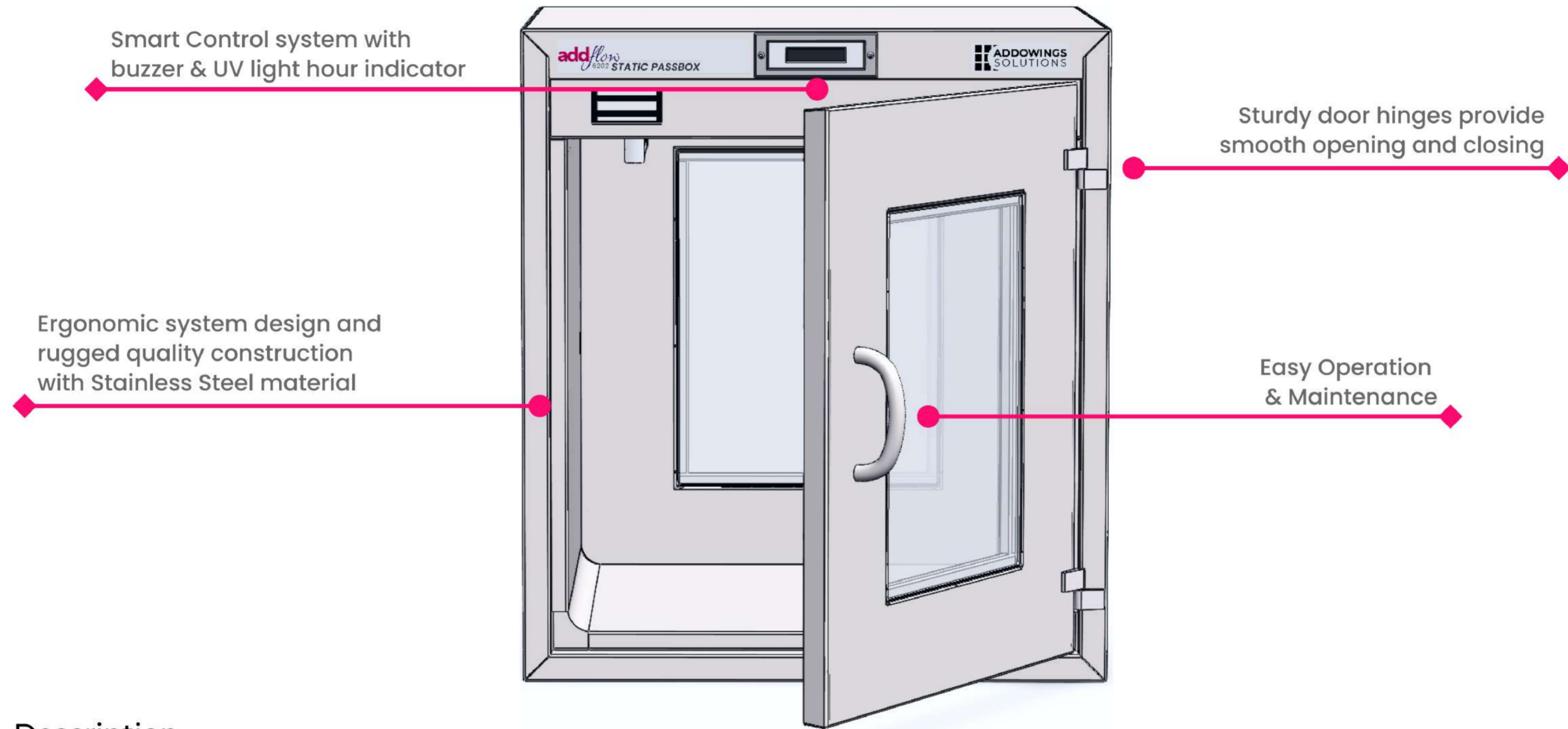
When the material is kept inside the Passbox in order to transfer it to another classified area, UV light disinfects the material and when the door is open, the high-pressure air is circulated through HEPA keeping the contaminants away from the material. A Dynamic passbox works similarly to a laminar flow system. Clean air circulates & blocks the contaminants from entering with a re-circulation system. It is designed based on GMP Specifications and ISO Classifications. AddFlow is a leading passbox manufacturer, we provide best-in-class both static and dynamic pass boxes used in the pharmaceutical industry.

Dynamic Passbox - 6102

Technical Specifications

Model	6101	6102	6102
Internal Dimensions(mm)	450x450x450 (LxWxH)	610x610x610 (LxWxH)	910x910x910 (LxWxH)
Outer Dimensions(mm)	570x510x950 (LxWxH)	670x740x1120 (LxWxH)	1000x1040x1500 (LxWxH)
Design Type	Dynamic		
Cleanliness level	Class 100		
MOC	Stainless Steel 304		
Illumination	LED Tube Light		
Air System	Motor blower with suspension arrangement		
Filters	Pre-filter (95% down to 5 micron) HEPA filter (99.97%) protected by SS grills		
Doors	Two side doors Glass window SS handles & SS hinges Electromagnetic Interlocking system		
Standard Fittings	UV light , Light indicators for door SS Handles & SS hinges, DOP Test Port On/Off Switch for blower Door buzzer/UV light hour meter		
Power	230VAC, 1P, 50/ 60Hz		
Optional	MOC SS316 / 316 L Differential Pressure Gauge Flange Test certificates, Calibration certificates Mechanical door interlocking		

Static Passbox - 6202



Description

Static Passbox is a necessity in the pharmaceutical industry that aids in the prevention of pollutants in a cleanroom or other areas. It is a cubical box setup between two classified areas to transfer material and maintain class between both areas. The passbox has interlocked doors on both sides that maintain the air from being contaminated. When the control switch is pressed, the doors operate with the help of an electromagnetic lock. When the doors are locked, the UV light turns on disinfecting the entire area, and when the doors are open, it automatically switches off. When the door is closed after keeping the material inside in order to transfer it to another classified area, UV light disinfects the material and maintains the area sterile. The Passbox is designed based on the GMP Specifications and ISO Classifications.

AddFlow is a leading passbox manufacturer, we provide best in class, static, and dynamic pass boxes used in the pharmaceutical industry.

Static Passbox - 6202

Technical Specifications

Model	6201	6202	6203
Internal Dimensions(mm)	450x450x450 (LxWxH)	610x610x610 (LxWxH)	910x910x910 (LxWxH)
Outer Dimensions(mm)	530x530x630 (LxWxH)	690x720x800 (LxWxH)	1000x1040x1120 (LxWxH)
Design Type	Static		
MOC	Stainless Steel 304		
Illumination	LED Tube Light		
Doors	Two side doors Glass window SS handles & SS hinges Electromagnetic Interlocking system		
Standard Fittings	UV light Light indicators for door SS Handles & SS hinges Door buzzer/UV light hour meter		
Power	230VAC, 1P, 50/ 60Hz		
Optional	MOC SS316 / 316 L Flange Test certificates Mechanical door interlocking		



Give us the opportunity to answer your questions.

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