

amt  
postpro<sup>®</sup>



postpro SFX  
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## AMT POSTPRO: THE ULTIMATE BUNDLE

SUBJECT TO CHANGE

APRIL 2024 / V1.1

# Something small is **HERE**

Unveiling the revolutionary PostPro SFX by AMT - the world's first bench-top chemical vapour smoothing system, utilizing AMT's cutting-edge green chemistry, PostPro Pure.

## COMPACT SIZE

Small footprint to operate in even the most compact of workshops and laboratories.

## SAFE & GREEN CHEMISTRY

Utilizing AMT's Green PostPro Pure consumable for safe and sustainable operation.

## EASY CONSUMABLE HANDLING

Proprietary safe pour cartridges and no-hassle, non-hazardous packaging for fast and efficient delivery.

## AMT PATENTED TECHNOLOGY

Drawing on AMT's 6 years professional experience in the chemical vapor smoothing industry. Protected under the following patents: EP3565712, GB2582225 & GB2597240B.

## ENHANCING PART PROPERTIES

The original technology that smooths and seals the surface and internal cavities of 3D printed polymer parts, while also improving mechanical properties.

## UNLIMITED APPLICATIONS

Optimized for rigid nylons at launch, with expanded material compatibility on the horizon. Ideal for SLS, MJF, HSS and FDM/FFF applications.

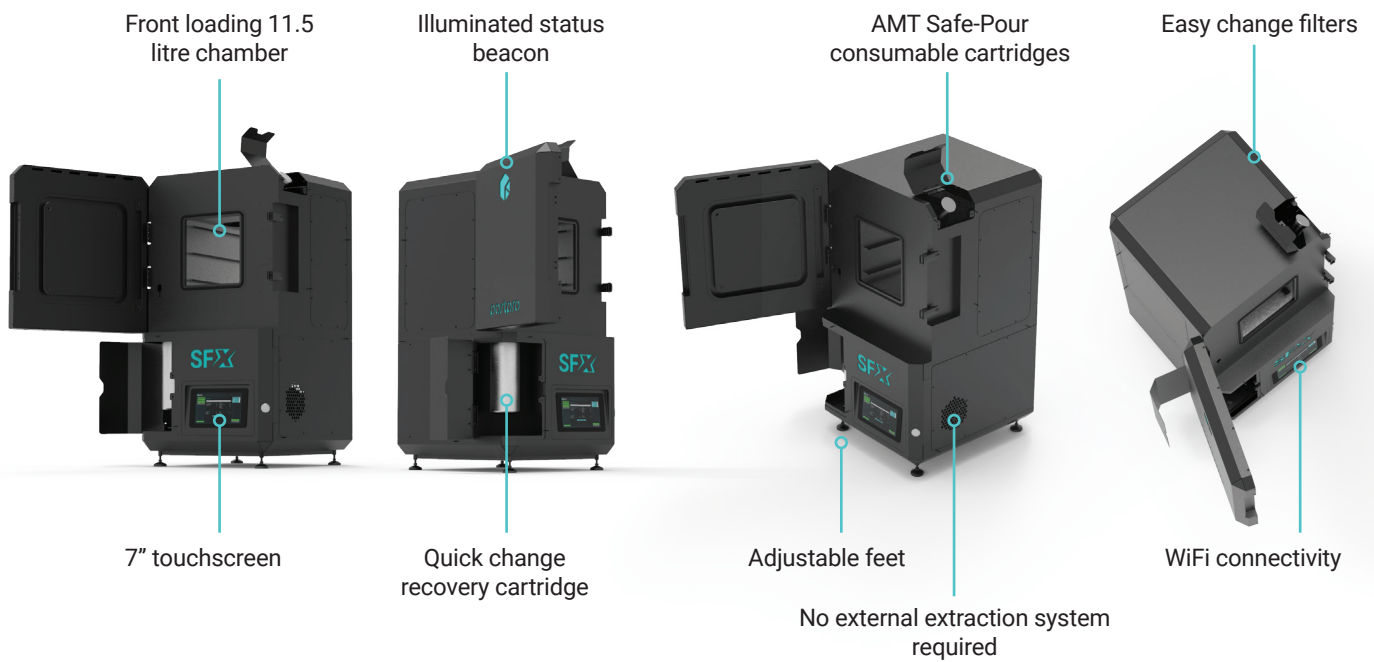
## SMALL IN SCALE. GIANT IN EXPERIENCE.

Crafted by the original pioneers in Chemical Vapor Smoothing, the PostPro SFX embodies the pinnacle of innovation and proficiency, harnessing insights developed from handling over 30 million components at over 300 blue chip customers across numerous accredited industries from medical to consumer and industrial to automotive.

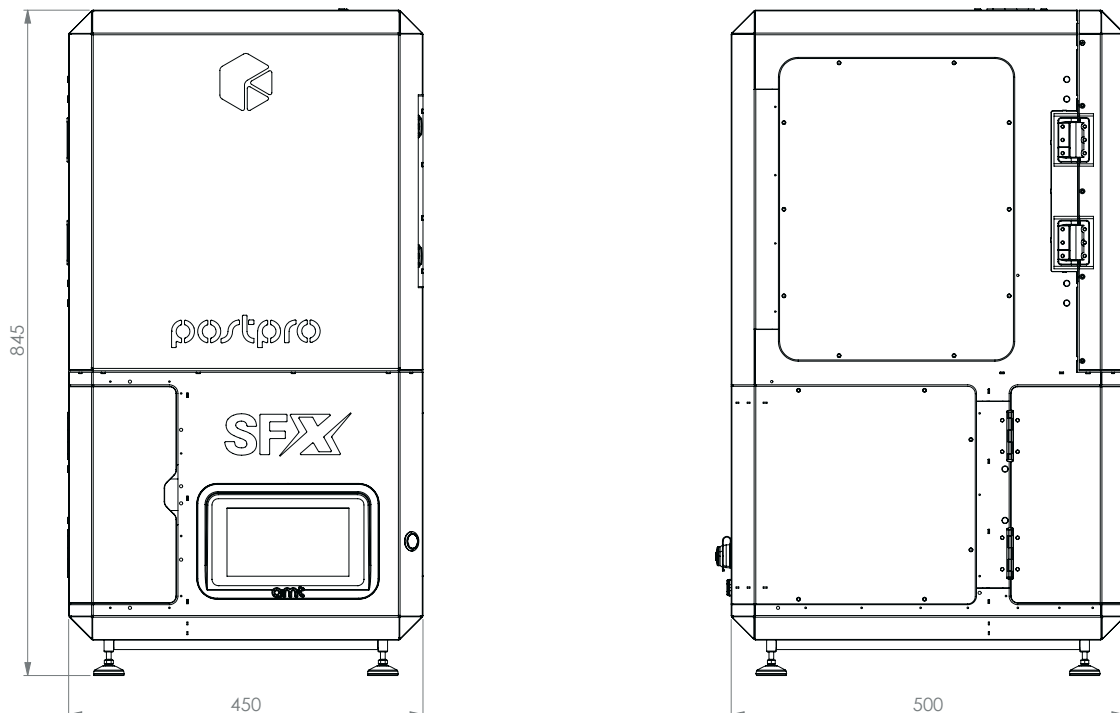
Available to pre-order online at [amtechnologies.com](http://amtechnologies.com)



DIMENSIONS	EU	US
External Dimensions (WDH)	450 x 500 x 845 mm	17.7 x 19.7 x 33.3 in
Weight	50 Kg	110 lb
CAPACITY		
Process Chamber Dimensions (WDH)	190 x 320 x 190 mm	7.5 x 12.6 x 7.5 in
Process Chamber Volume	11.5 litres	11.5 litres
POWER		
Electrical Configuration	230V / Single Phase / 13A	120V / Single Phase / 20A



## DIMENSIONS



**Introducing the most compact automated depowdering system in the PostPro DP range. The perfect companion to the PostPro SFX to complete your post processing workflow.**

### HMI

The PostPro DPX incorporates a touch screen HMI for easy parameter adjustment.

### SPACIOUS BASKET

A large 10 Litre (Ø450 x 210 mm) basket is equipped with a soft plastic liner and mixers to enable high volume part throughput.

### MANUAL BLASTING

Parts can be manually blasted by hand using the in-built gloves behind the interlocked gloves cover.

### COMPACT SIZE

Small footprint to operate in even the most compact of workshops and laboratories.

### IONIZATION UNIT

The PostProDPX is equipped with an ionization unit to reduce static build-up during the process, leaving your parts dust-free and without the requirement for additional cleaning steps.

### POWERFUL FILTER

Equipped with a powerful filter for dust separation and to ensure a clear view in the blasting area.

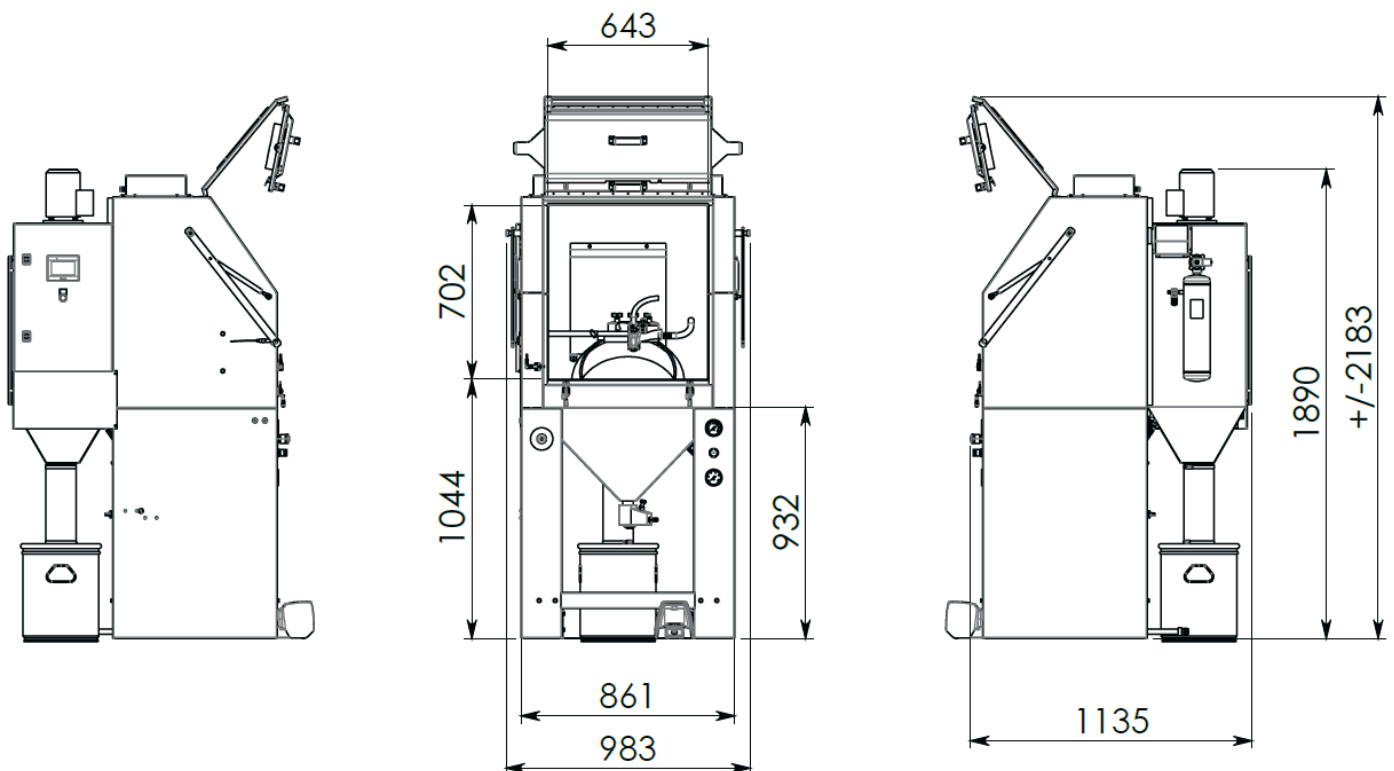
### ATEX CERTIFIED

Class II 3/-D T125°C ATEX certification.



DIMENSIONS	EU	US
External Dimensions (WDH)	985 x 1135 x 1890 mm	39 x 44.5 x 74.5 in
Weight	370 Kg	815 lbs
CAPACITY		
Blast Room (WDH)	850 x 640 x 845 mm	33.5 x 25.5 x 33.5 in
Basket Size	Ø450 x 210 mm	Ø17.5 x 82.5 in
Basket Volume	10 litres	
Basket Loading Weight	10 Kg	22 lbs
Door Opening	645 x 705 mm	25 x 27.5 in
Blast Gun	Single with Ø6 mm nozzle	
Filter Cartridge	Single with area of 4 m <sup>2</sup>	
POWER & PNEUMATICS		
Electrical Configuration	230V / Single Phase / 50 Hz	
Total Power Consumption	0.85 kW	
Air Consumption	700l/min at 4 bar	
ATEX Classification	Class II 3/-D T125°C	

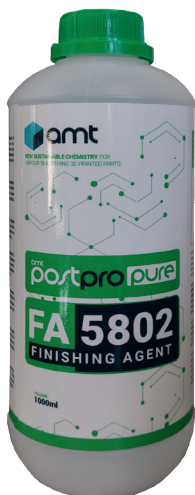
## DIMENSIONS



# Consumables

## PostProPure: Green and Sustainable Chemistry for use in SFX

- ✓ Most environmentally friendly solution in the post-processing market
- ✓ FDA approved chemistry unlocking applications within medical, food contact and biopharma industries.
- ✓ No regulatory restrictions making worldwide shipping quick and simple
- ✓ Biobased, biodegradable, non-halogenated and non-toxic chemistry



## POSTPRO COMPATIBLE MATERIALS

### 3D SYSTEMS

MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
DuraForm HST	Fiber-reinforced Nylon 12 (PA 12)	Polyamide-12	SLS
DURAFORM ProX PA	Nylon 12 (PA 12)		

### AM Polymers

MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
ROLASERIT® PA12-01	PA12	Polyamide -12	SLS

### EOS

MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
PA 2200	PA12	Polyamide-12	SLS

### FARSOON TECHNOLOGIES

MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
FS 3300 PA	PA1212	Polyamide-12	SLS
FS 3300 PA-F	PA1212 - Optimized for absorbance of Fiber Laser Light for fast melting		

### formlabs

MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
Nylon 12	Nylon 12 (PA 12)	Polyamide-12	SLS

### hp

MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
HP 3D High Reusability PA12	Polyamide 12 (PA12)	Polyamide-12	MJF
HP 3D High Reusability CB PA12	Full color PA12		

### nexa3D

MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
xPA12	Nylon 12 (PA12)	Polyamide-12	SLS

### PRODWAYS TECH

MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
PA12-L 1600	Nylon 12 (PA 12)	Polyamide-12	SLS

## POSTPRO COMPATIBLE MATERIALS

### SINTRATEC

MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
Sintratec PA12	Nylon 12 (PA 12)	Polyamide-12	<b>SLS</b>

### SINTERIT

MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
PA12 Industrial	Polyamide 12 (PA12)	Polyamide-12	<b>SLS</b>
PA12 Smooth	Polyamide 12 (PA12)		

### stratasys

MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
SAF PA12	Nylon 12 (PA12)	Polyamide-12	<b>SAF</b>

### wematter

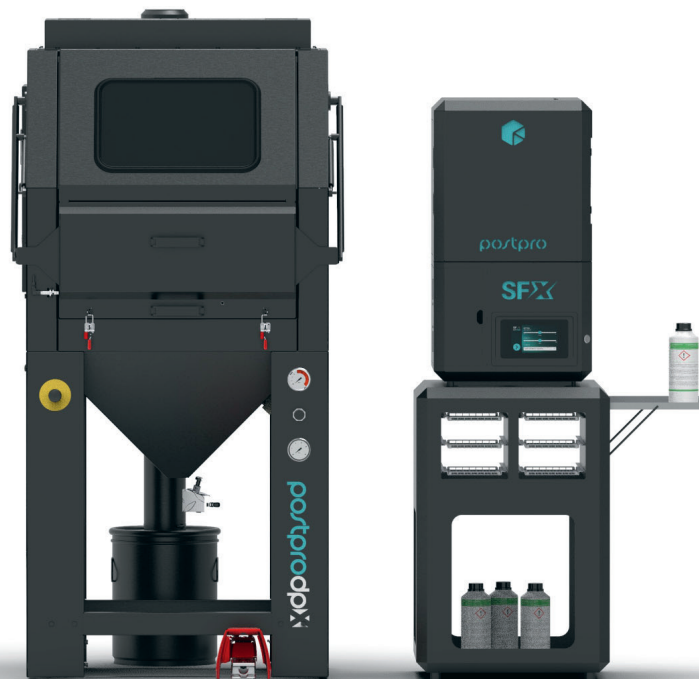
MARKET NAME	MATERIAL COMPOSITION & DETAILS	MATERIAL CLASS	AM TECHNOLOGY
Aurora PA12	Polyamide 12 material	Polyamide-12	<b>SLS</b>

All the foretated materials have been tested by Additive Manufacturing Technologies and are approved for use with the PostPro SFX. If you wish to process materials which are not included, please contact AMT so that we can conduct benchmarking to validate them. We are continually expanding the material compatibility list with new materials. Please keep informed of any updates by visiting [amtechnologies.com](http://amtechnologies.com)

# The Ultimate Bundle (DPX + SFX)

## PRODUCT DESCRIPTION

- ✓ PostPro SFX & DPX System
- ✓ SFX Workstation
- ✓ Rack Preparation Stand
- ✓ Rack Storage Stand
- ✓ Six Processing Racks
- ✓ Cartridge Starter Pack (3\*consumable cartridges)
- ✓ 12-month Warranty





FOR MORE INFORMATION  
CONTACT AMT

[info@amtechnologies.com](mailto:info@amtechnologies.com)

[amtechnologies.com](http://amtechnologies.com)

