

2. Style Plus – A15C



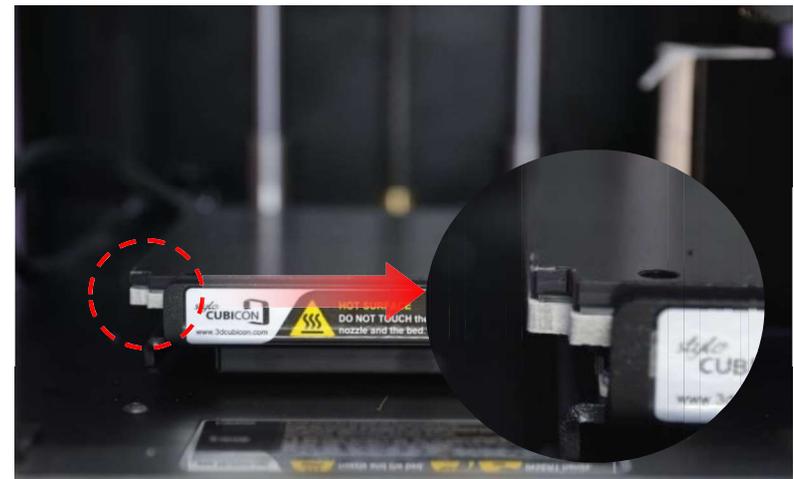
A. Style Plus – A15CR Specification

Dimension & Weight	322x350x486 (mm) & 16Kg	Build Volume	150x150x150mm (5.9x5.9x5.9 in)
Operation Temp.	15 - 35 °C	Printing Speed	Max 150mm/sec (Low Noise & High Quality Mode)
Storage Temp.	0 - 35 °C	Layer height	150~300um, Min 100um
Power Supply	Free Volt 100 ~ 240V, 50/60 Hz	Wall Thickness	Optimal 400um+
Display	5' Touch TFT LCD	Filament Diameter	1.75mm
Connectivity	USB (FAT32/NTFS), Ethernet, WI-FI	Materials	ABS, PLA Plus, TPU, PLA-i21 ABS-A100, PETG
Built in Slicing SW	Cubicreator v4 for Windows	Nozle Diameter	0.4mm
Input File Type	.stl , .obj,	X/Y Acuracy	3.125um
OS	Windows 7 (64 bit) ~	Z Acuracy	1.25um
Technology	FFF (Fused Filament Fabrication)	MAX Nozzle Temp.	260°C
Air Filtration	3 Layered Air Filter (Carbon, Hepa, Purafil)	MAX Bed Temp.	120°C
			

B. Key Features - Style Plus (A15CR)

a. Auto Leveling Plus Function & Patented unique build plate

- ✓ Auto Leveling Plus function enables us to be free of manual adjustment of the bed level by hands and reduce printing failure due to the height errors between nozzle and build plate.
- ✓ Perfect Auto Leveling by Heated Bed with Industrial Load Cell (checking 9 points on the bed)
- ✓ No longer have the trouble of using Kapton tape or glue to the bed in order to paste printed object on the build plate.
- ✓ All printed objects are detached from the build plate easily when the temperature of build plate is below 40°C



b. Prints out various types of materials with one extruder

- ✓ It achieves the same quality even though it prints out various types of materials with one extruder



c. In-house designed module type extruder and nozzle kit

- ✓ It is easy to maintain with the replaceable extruder and exchangeable nozzles
- ✓ With the proprietary Stainless Nozzle Kit, it reinforces durability and reduce troubles

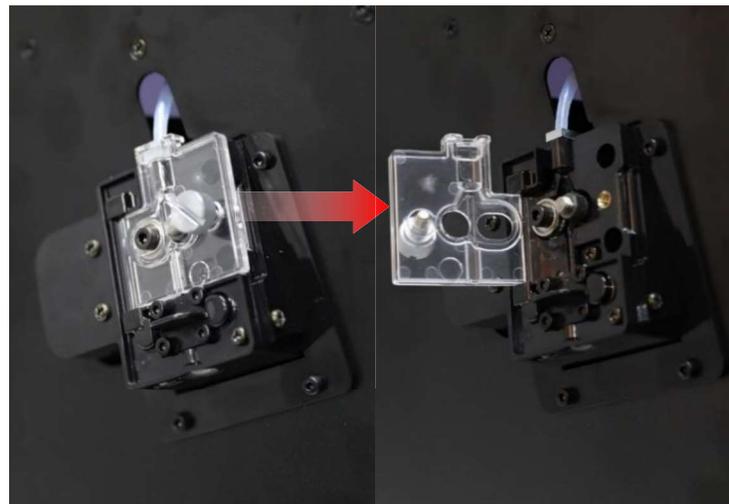


d. The automatic filament feeder with built-in two rollers

The automatic filament feeder with built-in two rollers allows a more stable filament supply to significantly improve ease of use. In addition, with the contactless optical sensor, it automatically stops the output when there is a supply problem due to filament exhaustion or breakage. Material detection can reduce printing time without wasting filaments dramatically by allowing the output to continue when reconnected.

** To maintain quality and minimize maintenance, it is recommended to use extruders according to filament type.*

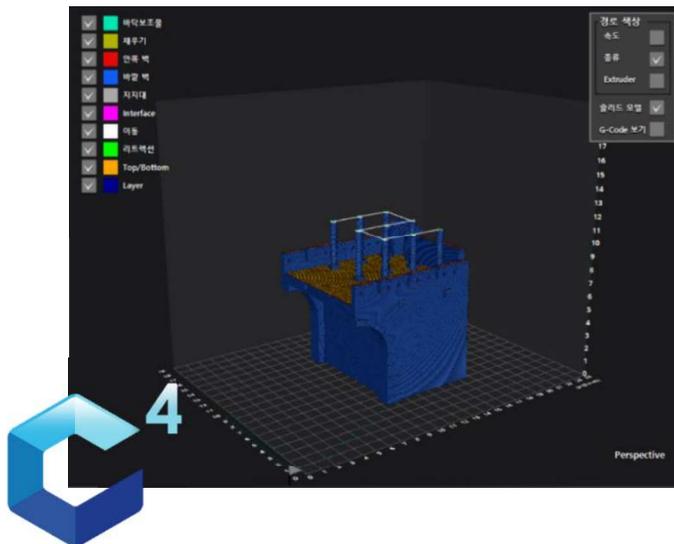
** Please turn filament detection function off when using TPU filaments or other transparent filaments*



e. Built in Slicing Software

- ✓ By providing 'Cubicreator', a slicing program optimized for Cubicon 3D printers, it provides a faster and more accurate printing experience through an interface that considers settings and user convenience.
- ✓ Style Plus and NEO series are connected to Cubicreator 4 through Wifi or LAN on several PCs freely.
- ✓ Style Plus and NEO series can be also connected and controlled by a mobile with Cubicontrol App

** All controls of mobile and PC is available when 3D printer should be connected to the same Wifi network.*



f. Convenient product operation with touch screen with English UI

The 5 inch full-color touchscreen with English UI allows even beginners to easily operate it and to check the various information (output status, equipment information, material information, printing information, etc.) simply



[Korean]



[English]

g. 3 Functional clean filter removes nano-particulates and odors excellently

- ✓ 3 functional clean filter provides more safe and comfortable printing environment away from dust, gases and odors generated while print out with FFF 3D Printer.
- ✓ HEPA filter = 0.5um micro dust 95% dust collection effect
- ✓ Carbon filter = filtering function for toxic gas
- ✓ Purafil catalysts = filtering function for organic compounds



h. Chamber structure with the aluminum frame improves output stability

With a sealed design of the aluminum frame, Cubicon Style Plus improves output stability by minimizing internal vibration and noise as well as providing a safe printing environment. This low-noise structure helps users to use the 3D printer comfortably at home, in private offices, or in educational environments.



i. Applied the NFC system that automatically recognizes the filament type

- ✓ NFC system can show the type and usage of filaments easily. Depending on the filament type recognized, the necessary temperatures (nozzle, bed) are automatically set to prevent printing failure.
- ✓ NFC System can request confirmation when the filament from slicing file and actual filament are not matched.
- ✓ Any one can easily check the remaining filament on the front touchscreen and replace it on time.

* This function is available when using the genuine Cubicon filament that applied the NFC. tag

* Some of genuine Cubicon filaments are not applied to NFC Tag (TPU, PC filament will be applied soon)

