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Popis

New 3D pero 3DOODLER 2014. Novší model roku 2014

Priemer trysky je len 0,4 mm a spotrebný materiál je tlaťová struna PLA, ABS o hrúbke len 1.75mm, old model 3D tužka 3Doodler používala tlaťovú strunu be3D PLA 3mm

Myriwell 3D Printing Pen + 3 FREE FILAMENTS

3D pens puts the control completely in the hands of the user. It can be used to draw in the air or on surfaces, tracing objects on paper and putting them together later.

BRING YOUR IDEAS TO LIFE!

Tech Specs:

Voltage: input 110V-220V output: 12V 3A

Nozzle Caliber:0.4mm

Features:

Lighter: The same kind of 3D printer pen on markets have a common fault that not light enough the user easily get tired after using the pen for a long time.

Slimmer. The existed 3D printer pens on market are huge and heavy not good for use, especially for those children user as they have small hands. Our design takes the best consideration about the needs of children, students and adults and we make the pen slimmer.

Easier speed control. As to a 3D printer pen, the speed should be controllable to be faster or slower when use. The existed 3D printer pens on market some have no speed controller or have a controller that can't use. Some pens have the controller but need two hands to operate. After long research we make our pen speed can be controlled by hand movement, the user can control easily and freely when create 3D painting.

Plug design for heater and nozzle. During the R&D period, we bought the existed 3D pens on the market; we found they are unsuccessful design strictly speaking either shape or function. The worse thing is the poor design creates trouble to user on usage or maintenance, the worst is the unreasonable inner design leads the user can't put it back after open it. One accessory damage will cause whole pen lose. We made a more advantage design according above fault design. The heater and nozzle 2-in-1 plug design, the user can uninstall the fault heater and nozzle easily without send back to dealer or factory. This can save the cost of after service.

Controllable temperature design. After analysing the existing pens on market, we found they are fixed temperature design, this will leads trouble to the user who tried to use different melting point materials. We created temperature control function the our pen and the user can adjust the proper temperature according different materials

Intelligent standby function. During the user pause time or forgot switch off the power, the pen will switch to standby model automatically after 5 minutes and the heater will stop working. The heater will back to work when the user starts it again. This can reduce the potential accident, which caused by forgetting switch off the power.

## Whats in the box?

3D Pen

Power supply with 3-pin EU plug

Instructions manual

3 x free filaments (random assortment - already in the box)

## Third, the design highlights:

1 .Prolonged use doesn't cause FLAC fatigue.

2 The product is lightweight design: a slim (easy to handle) design . Currently on the market there are several 3D stereoscopic pen, but they are not very comfortable to use i.e bulky, heavy weight, is not conducive to hold control operation. We believe that the design is the closest you can get to USER-Friendly requirements and anti fatigue. Meet the needs of children , students and adults.

3 Control: . For some of the design and operation of three-dimensional defects pen on the market , we believe our pen provides users to operate when arbitrary. Unfortunately, however, the current products on the market , have no speed control function , or have a simple switch for speed dial , or even just the speed control switch as an ornament, no practical purpose. Even if there is a file with a speed dial , you must advance or use your other hand to control . You lose the true meaning of the design. We have had practice and exploration and after much research our design includes added variable speed feature, you can freely control it according to the hand speed , allowing users in the creation of real time three-dimensional painting done most practically and with ease.

4 heating coil and a nozzle cartridge design . In the development stage, we compared the purchase of several products on the market and found these products in the strict sense, is a failure of design , in terms of appearance and use , most importantly, the future users of the product during the replacement of wearing parts and maintenance of great distress . If the heating coil burned out, or nozzle clogging , the user must own bare hands to break up the replacement of the entire product , and deadly is unreasonable due to internal design , users can often open later and then put back . It took three or four hundred or even six or seven hundred to buy back, as long as the bad results would lead to a part failure. This is intolerable by any user . We then optimized based on the improved design defect . Heating coil and the nozzle is integrated cartridge design , just push the button snaps, users can remove themselves necrosis heating coil and nozzles carry plug replacement. Without guidance or manufacturers or distributors to return to re- repair. To users, dealers, manufacturers reduce unnecessary trouble ;

5,The temperature adjustable design . Similarly, we find autopsy on the market for only several print pen : the temperature is fixed design , which gives the user tries to use without melting point of drawing supplies a great deal of distress. The real product , need more consideration for users . So we opened up the temperature regulation. Users can adjust itself depending on the supplies to reach the ideal temperature. This is very important when you are using filaments, such as wood filament or flexible filament which respond differently to temperature difference.

6. Intelligent standby- functional design.When the user operates the midway break or forget to turn off the power , the product will automatically be converted to standby mode after 5 minutes . Heaters will stop working. Users just beginning to be triggered again heating . Avoid operating the way many users forget to turn off the power after leaving the result in potential danger.

## Dim3W Smart 3D Printing Pen

Dim3W Smart 3D Printing PEN (Pre-production Prototype available March. 2014) extrudes the heated filament (ABS), which quickly cools down and form a stable 3D structure. It adopts the same FDM technology which powers the mainstream desktop 3D printers such as Makerbot, Dim3S, Cube X etc. The human ergonomic design allows you to print (draw) an infinite variety of shapes and items, on both the 2D plane and 3D free space.

PLA - 1.75mm Spool

The Dim3W Smart 3D printing pen is a innovative product which allows users to draw a 3D object in space. The operation of the 3D printing pen is very simple: just use it as a regular pen. With our innovative thermal management and continuous variable speed control technologies, the Dim3W 3D printing pen outperforms any similar comeptitors' products in the market.

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Poly(lactic acid), a bio-based materials, can be processed by extrusion, injection molding, film & sheet casting, and spinning, providing access to a wide range of materials. Being able to degrade into innocuous lactic acid, PLA is used as medical implants in the form of screws, pins, rods, and as a mesh. Depending on the exact type used, it breaks down within the body within 6 months to 2 years.

ABS - 1.75mm Spool

ABS is also commonly used in rapid prototyping extrusion-based 3D printers. Its glass transition temperature is high enough to reduce unwanted deformation at slightly elevated temperatures but low enough to be safely attainable with standard extrusion setups.

### **Recenzie**

Zatia? tu nie je žiadna recenzia pre tento tovar.