sparkfun
START SOMETHING

SHOP LEARN BLOG SUPPORT

Find a Retailer   Need Help? ▾

🛒 0   LOG IN   REGISTER

≡ PRODUCT MENU   find products, tutorials, etc... 🔍

TODAY'S DEALS   SPARK X   EDUCATION   FORUM

{ } ▦

images are CC BY 2.0

🐦 📘 📌 ◄ SHARE

TAZ Pro 3D Printer

○ TOL-15319 ⌂

DESCRIPTION | **FEATURES** | **DOCUMENTS**

- Fused Filament Fabrication Print Technology
- 280 mm x 280 mm x 285 mm Print Area (11.02 in x 11.02 in x 11.02 in)
- 22,344 cm^3 Print Volume (1,362.56 in^3)
- 5ºC - 45ºC Operating Temperature (41-113 ºF)
- 83.2 cm x 71 cm Footprint (32.76 in x 28 in)
- 37-50 dB sound level during normal operation
- Automatic compensation print surface leveling
- USB Cable and USB Flash Drive interfaces
- Dual Vertically Actuated E3D Titan Aero Extruders
  - 0.50 mm Nozzle diameter
  - 2.85 mm Filament diameter
  - 13.82 mm^3/s
  - Hardened Steel Nozzle
  - 290 ºC Nozzle temperature (554 ºF)
  - 1 Minute 36 Second Nozzle heat-up time (from 18 ºC to 230 ºC)
- Heated Borosilicate Glass with PEI print surface
- 120 ºC maximum print surface temperature
- 10 Minute 45 Second print surface heat-up time (from 18 ºC to 230 ºC)
- 50 - 400 Micron Layer Resolution
- 0.5 mm minimum positive feature size
- 10,10 <1 Micron calculated XYZ positional resolution
- 83 cm x 71 cm x 52 cm with Filament reel (32.67 in x 28 in x 20.47 in)
- 16.78Kg without Filament reel (37lbs)
- FCC, CE, WEEE, OSHWA, FSF-RYF Certifications

Tags
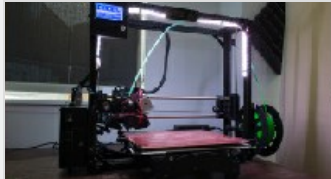
3D PRINTING   FABRICATION   FILAMENT   LULZBOT   TAZ   TAZ PRO   TOOLS

TAZ Pro 3D Printer Product Help and Resources

TUTORIALS | SKILLS NEEDED

Light Up Your 3D Printer's Bed
JUNE 27, 2018

Having issues viewing your print in a dark lit room? In this tutorial, we will be using LED strips to light up a print bed's area on a LulzBot 3D printer!

Getting Started with 3D Printing Using Tinkercad
APRIL 30, 2018

Tinkercad is a great, easy-to-use online modeling software that can have you 3D printing quickly. This tutorial will walk you through designing a simple project enclosure.

3D Printed Illuminated Wand Prop
NOVEMBER 29, 2018

In this tutorial, we will learn about how to create a theatrical prop for a performance by 3D printing a wand and adding an LED.

DIY Light Sculpture
AUGUST 23, 2018

In this digital fabrication project featuring 3D printing, laser cutting, and DIY electronics, you will build a beautiful design object for your desktop or night stand.

Comments

⚙ Looking for answers to **technical questions?**

We welcome your comments and suggestions below. However, if you are looking for solutions to technical questions please see our **Technical Assistance** page.

Log in or register to post comments.

STAY IN TOUCH WITH US

Email address   SUBMIT

Weekly product releases, special offers, and more.

ABOUT SPARKFUN

Read Our Story

Press & Media

SparkFun Education ↗

Job Openings

PARTNER WITH US

See Our Partners

Become a Distributor/Reseller

Receive Volume Discounts

Build a Custom Kit

Apply for a Hardware Donation

SUPPORT

Customer Support

Purchase Orders & Payment

Terms

Technical Assistance

FAQs

Contact Us

SITE INFORMATION

Terms of Service

Privacy Policy

Compliance

Site Map

SparkFun Electronics ® / **6333 Dry Creek Parkway, Niwot, Colorado 80503**

Questions? Feedback? powered by Olark live chat software

SparkFun Electronics ® / **6333 Dry Creek Parkway, Niwot, Colorado 80503**