

# Sunlu E2 Filament Dryer



Model: Fila Dryer E2

Manufacturer: SUNLU

EAN: 6933582318888

Product Code: 1279304

## R9,080

### Sunlu E2 Filament Dryer

The SUNLU FilaDryer E2 is a groundbreaking 2-in-1 device designed for the most demanding 3D printing users—it combines drying and annealing functions, offering full control over material properties. With a power output of 500W, rapid heating (50°C in 20 minutes, 70°C in 30 minutes), and a maximum temperature of 110°C, the E2 not only dries the filament but also significantly improves its mechanical properties. Its sealed design, large chamber accommodating spools up to 3 kg, and intelligent safety features make it a professional tool for working with both engineering and standard materials.

### Drying and annealing in one—maximum quality for your prints

The SUNLU E2 not only removes moisture from filaments but also allows for their annealing, a process that significantly increases the impact resistance, strength, and stability of your models. This solution will be particularly appreciated by those working with engineering materials—your prints become stronger, more durable, and ready for the most demanding applications.

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## **Up to 110°C - full power for engineering materials**

Thanks to its high operating temperature, the device supports as much as 99.99% of filaments available on the market, including advanced materials such as PA, PC, ASA, and composites with carbon and glass fibers. This means you can work without limitations—whether you're creating mechanical parts, drone components, or parts requiring high durability.

## **Instant heating - time savings and greater efficiency**

A powerful 500W PTC heater ensures the device heats up extremely quickly. You don't waste time waiting – the filament is ready to use almost immediately. This is particularly important for intensive projects and production work, where every minute counts.

## **Fully sealed and insulated - filament always dry and ready**

An advanced sealing system with silicone components effectively blocks moisture from entering from the outside. Additionally, the dual-chamber design provides excellent thermal insulation, allowing for a stable temperature to be maintained even above 100°C. The result? Ideal conditions for both drying and annealing—without the risk of re-moisturization.

## **Large workspace - more possibilities in a single device**

The chamber, sized to accommodate large spools (up to Ø250 mm), allows for various configurations—from two 1 kg spools, through 2 kg, up to a single 3 kg spool. This is a huge convenience for those working on larger projects or using industrial filaments.

## **Smart safety features - safety without compromise**

The SUNLU E2 is equipped with a multi-level protection system: temperature control, automatic shutdown in case of overheating, and warning alarms. Additionally, double insulation ensures that even at internal temperatures above 100°C, the housing remains safe to touch. This is equipment you can rely on.

## **Unlimited compatibility - one device for everything**

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Support for 1.75 mm and 2.85 mm filament diameters and compatibility with a wide range of materials—from PLA to advanced composites—mean the E2 fits into any workspace. Built-in material profiles and simple operation let you quickly select optimal settings and focus on what matters most—creating.

**Annealing that makes a difference - unlock the potential of your materials**

The annealing process reduces internal stresses created during printing and significantly improves the mechanical properties of your models. With the SUNLU E2, your prints gain a new level of quality—greater strength, stability, and durability—opening the door to professional and industrial applications.

**Included:**

- SUNLU E2 Filament Dryer
- PTFE tubes
- Annealing tray
- Power cord
- High-temperature resistant gloves
- User manual

|                                      |                         |
|--------------------------------------|-------------------------|
| <b>Manufacturer</b>                  | Sunlu                   |
| <b>Model</b>                         | Fila Dryer E2           |
| <b>Maximum operating temperature</b> | 110°C                   |
| <b>Power</b>                         | 500 W                   |
| <b>Power supply</b>                  | AC 100–240 V / 50–60 Hz |
| <b>Heating time to 50°C</b>          | approx. 20 minutes      |
| <b>Heating time to 70°C</b>          | approx. 30 minutes      |
| <b>Supported filament diameters</b>  | 1.75 mm / 2.85 mm       |

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|-------------------------------|---------------------------------------------------------------------------------------|
| <b>Maximum spool size</b>     | Ø250 × 153 mm                                                                         |
| <b>Capacity</b>               | 2 × 1 kg / 2 × 2 kg / 1 × 3 kg                                                        |
| <b>Material compatibility</b> | PLA, PLA+, PETG, TPU, ABS, ASA, PC, PVB, PVA, PA, PA6, PA12, PA-CF, PA-GF, and others |
| <b>Functions</b>              | Drying and annealing                                                                  |
| <b>Heating system</b>         | High-power PTC                                                                        |
| <b>Insulation</b>             | Double thermal insulation                                                             |
| <b>Sealing system</b>         | Silicone gaskets and magnetic closure                                                 |

Net weight: 7600, Gross weight: 8040, Box length: 37,00, Box width: 28,00, Box height: 44,50