

# FUSER 500™

MICRO CASTING SYSTEM

The Fuser500™ Kit provides a complete jewelry casting experience from beginning to end. This innovative, patent-pending technology, features:



## Fuser500™ Mixer

Designed to fit small quantities, the Fuser500 Mixer is a one-stop-shop to prepare either silicone or investment mixes. Holding up to 1 lb, it decreases production time, reduces material loss, and increases overall productivity.

- Precise and consistent results through a vacuum mixing process
- Superior sealing system, reducing the exposure of materials to dust particles
- Homogeneous mixes, reducing flaws and porosities
- Minimalist design for easy handling and cleaning



## Fuser500™ Flask System

Not one size flask fits all sprue trees. For that, the Fuser500 Flask System offers a unique set of adjustable tools to accommodate different flask sizes.



## Fuser500™ Vacuum Pump

In addition to being silent and light, the vacuum pump is compatible with all of the Fuser500 equipment line for superior vacuum draw. Easy to operate and to maintain, it can move freely to be connected to your kit, but is also equipped with locking wheels, providing a flawless experience to each step of the casting process.



## Fuser500™ Wax Injector

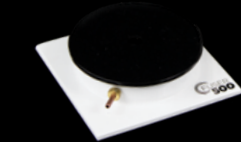
Small but mighty, the Fuser500 Wax Injector encompasses every feature of large industrial injectors, including the capability for vacuum injections. It does not require an external compressor and optimizes heat distribution. Equipped with a wax reservoir and pressure pump aid, the Fuser500 Wax Injector is perfect for all your intricate designs.

- Digital temperature controller
- External pressure regulator, facilitating the regulation of the pressure required for different molds
- Frontal vacuum connector with micro aid injection hose



## Fuser500™ Kiln

The main advantages of the Fuser500 Kiln are its speedy burnout time, low energy consumption and its high performance thermal insulation (which it filters vapors produced by the wax calcination without generating any external smoke). The Fuser500 Kiln comes with an easy to use external temperature controller designed to reach the perfect temperature for casting with simple programming. Insert your flask, turn it on, and it will be ready in approximately 3 1/2 to 4 hours.



## Fuser500™ Casting Base

The Fuser500 Casting Base assures precise and reliable results through vacuum casting. Compact and extremely efficient, it can be used in any type of metal casting: Crucible and conventional torch, forging induction, or melting furnace.



## Fuser500™ Accessory Kit

The accessory kit includes additional items and tools required for your casting project.

## What is in the Fuser500™ Complete Kit box?

- **1 Mixer**
  - › 1 Mixing Chamber
  - › 1 Vacuum Chamber
  - › 1 Polycarbonate Lid
  - › 1 Mixing Glass
  - › 1 Power Cord
  - › 1 Flask Base
  - › 1 Flask Top
  - › 1 Rubber Filling Funnel
  - › 500 Grams of Investment Powder
- **1 Kiln**
  - › 1 Large Flask
  - › 1 Medium Flask
  - › 1 Small Flask
  - › 1 Crucible Tongs
  - › 1 Temperature Controller
  - › 1 Probe
  - › 1 Power Cord
- **1 Casting Base**
  - › 1 Casting Base Bottom
  - › 1 Casting Base Top
  - › 5 Paper Gaskets
- **1 Vacuum Pump**
  - › 1 Vacuum Hose With Filter
  - › 1 Power Cord
  - › 1 End Cap
- **1 Wax Injector**
  - › 1 Pressure Pump
  - › 100 Grams of Wax Inside the Heating Reservoir
  - › 1 Power Cord
  - › 1 Vacuum Pen + 2 Suction Needles
  - › 1 Suction Silicone Tube (18 inches)
  - › 1 Sprue Silicone Tube (4 inches)
  - › 2 Pink Vacuum Suction Needles
- **1 Accessory Kit**
  - › 1 Plastic Storage Box
  - › 1 Large Impeller
  - › 1 Small Impeller
  - › 1 By-pass Silicone Tube (10 inches)
  - › 2 Threaded Rods + 2 Nuts
  - › 1 Precision Knife
  - › 1 Lecron Carver
  - › 1 Allen Key
  - › 6 Molding Panels
  - › 4 Rubber Bands
  - › 3 Aluminum U-shaped Mold Frames (Small, Medium, Large) + 3 Sprue Formers
  - › 1 Pink Wax Sheet
  - › 1 Silicone Mold Cutting Aid
  - › 1 End Cap
  - › Silicone Molding Rubber Compound

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