



**Bioscience, Inc**  
Environmental Products and Services

## AMPULMATIC® 10 BENCH-SCALE AMPULE FILLING AND SEALING SYSTEM

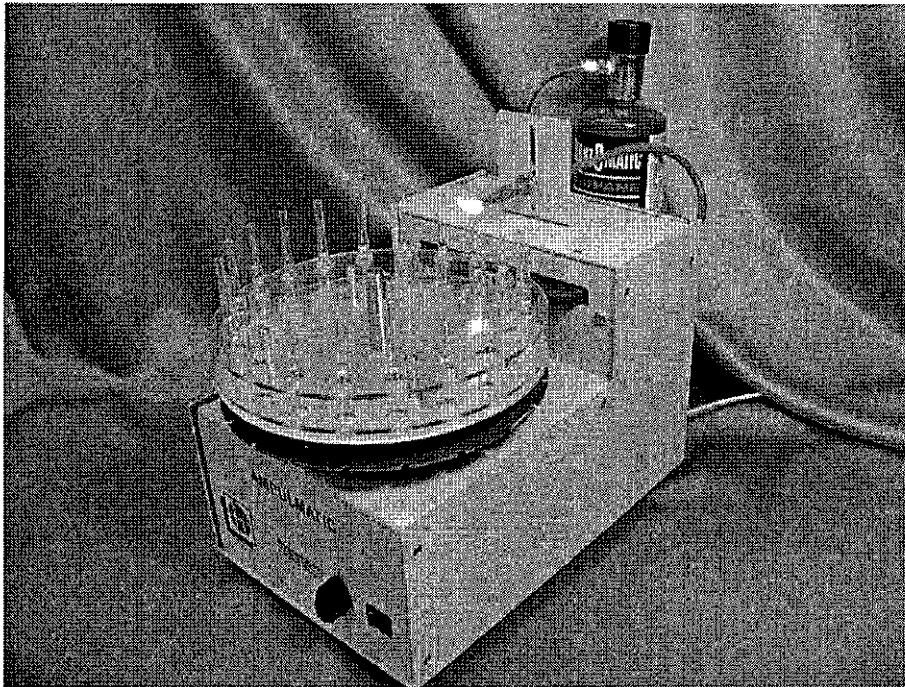
### Base Unit

Speed up your ampule filling and sealing with the easy-to-use, maintain and adjust Ampulmatic® 10 Ampule Filling and Sealing System. It speeds and automates the filling (inert gases or liquids) and flame sealing of ampules at the lab bench scale. The base unit automatically indexes each ampule positioned on a carousel into a propane and oxygen flame and then spins the ampule creating a hemispherical seal on every ampule. The ampule dwell time can be changed with a turn of a dial and the flame adjusted for a quick initial setup or for a quick change to a different ampule size/configuration. The base unit is designed with quick, easy internal access for maintenance and adjustment.

### Filling Unit

The plug-in filling unit can be configured to automatically fill each ampule with an inert gas (to minimize the oxygen concentration in the ampule head space and thus minimize sample deterioration over time) or fill each ampule with a precisely measured quantity of liquid. The flexible design allows for a wide range of filling and sealing operations.

**Proven reliability and easy adjustment with filling (inert gases or liquids) and sealing capabilities have made the Bioscience Inc.'s Ampulmatic 10 Ampule Filling and Sealing System the ideal choice for a wide variety of sealing applications.**



■ **FEATURES**

- Fully Automatic Operation
- Flame Seals up to 20 Ampules in 2 Minutes
- Uses Natural Gas, MAPP or Propane and Technical Grade Oxygen at 10 to 20 psi
- Carousel Racks Available for 1, 2, 5, 10, 20 and 50 ml Standard Sizes. Custom Sizes Available.
- Inert Gas Injector available
- Supply Voltage: 10 to 240 VAC

■ **APPLICATIONS**

- Analytical Standards Packaging
- Production & Quality Control Samples Packaging
- Battery Electrolyte Packaging
- Chemical Production QC Sampling
- Sera/Vaccines/Injectables Packaging
- Pharmaceutical Products & Controls
- Food Quality Control Sampling
- Beverage Quality Control Sampling

■ **PRODUCT SPECIFICATIONS**

- Dimensions – Base Unit            8½"W x 12"H x 17"D  
21.6 cm W X 30.5 cm H X 43.2 cm D
- Dimensions – Filling Unit        6"W x 16"H x 8"D  
15.2 cm W X 40.6 cm H X 20.3 cm D
- Materials of Construction        Powder Coated Aluminum (Outside Body)
- Carousel Material                    Chemical-Resistant Polycarbonate and Anodized Aluminum
- Burner Tip Material                 Copper
- Electrical Classification            All electrical parts are UL listed/approved. 12 VDC Internal Voltage
- Power Consumption                 100 Watts
- Supply Voltage                        10 to 240 VAC; 47 to 63 Hz
- Suggested Maintenance            General cleaning after use is recommended.
- Shipping Weight – Base Unit      20 lbs./9.09 kg
- Shipping Weight – Filling Unit    10 lbs./4.54 kg

■ **RECOMMENDED SPARE PARTS LIST**

Catalog #	Description	Recommended Number
270-006	Ampulmatic Drive Belt	4
210-014	Ampulmatic Torch Tip	1
270-014	Ampulmatic Carousel Latch Pin	4

**CALL US FOR ENGINEERED DESIGNS FOR  
SYSTEM INTEGRATIONS AND CUSTOM APPLICATIONS**

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