

Urania Engineering has been supplying manufacturers and suppliers with pre-formed pouch sealing and packaging systems for over 25 years. Our equipment is ideally suited for medical device and pharmaceutical packaging. Other common applications include food and dry bulk products. We invite you to take advantage of our extensive technical experience in these fields. Whatever the scope of your unique requirements, Urania equipment will assure predictable and cost effective results.

Our new **Model 5000P** system introduces an **Allen Bradley CompactLogix®** control structure to our industry leading rotary band heat sealer. A large 10” full color touchscreen HMI monitors and informs the user of all phases of operation. As with previous versions, the Model 5000P is fully validatable with respect to speed, temperature, and force. Urania utilizes a real-time monitoring system for all three of these crucial sealing parameters.

An alarm and error history with time/date stamp is standard. The alarm/error information may be downloaded to a customer supplied printer, compact flash, or through an Ethernet connection. Alarms for belt speed errors, force limits, and temperature variations ensure proper operation and immediate notification in the event of a problem.

Various options are available for pouch marking or printing, including GS1 Data Matrix, embossing, and trimming. Conveyors and infeed devices process heavy or bulky products, and gas flush or nitrogen injection systems are also available. The sealing system is mounted on our height adjustable, stainless steel stand with locking casters.



SYSTEM REQUIREMENTS

Power Source	115 VAC/60 hz 15A 220VAC with CE certification upon request
Floor Space	30" long x 25" wide x 63" high 67" long x 25" wide x 63" high (with optional conveyor)



OPTIONAL FEATURES

GS1 Data Matrix printing for compliance to FDA UDI mandate
Vision inspection of all printing and various barcodes including Data Matrix 2D

GENERAL SPECIFICATIONS

All electrical components (AC) shall comply with UL61010A-1 (UL3101-1 first edition) or UL-sticker on the unit.

Speed Range	100 - 600 in/min standard
Approximate Weight	200 lbs
Construction Materials	304 stainless steel, anodized 6061 aluminum and Lexan
Sealing Head Adjustability	Vertical and rotational
Sealing Belts	Teflon® coated Fiberglass Optional Kevlar® reinforced
Temperature of Operation	100°C - 300°C standard