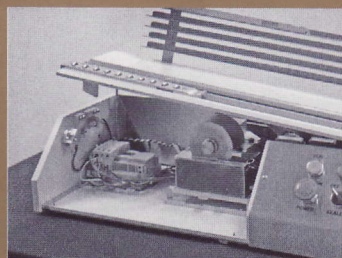
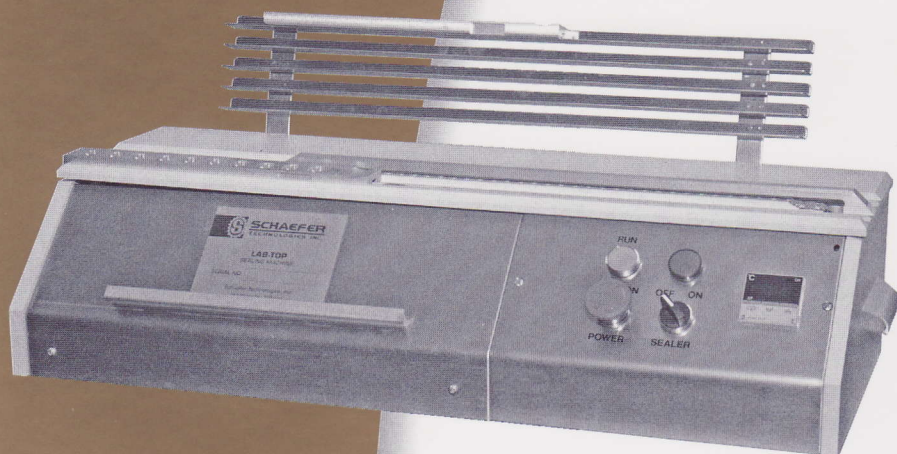


# STI LABORATORY MODEL

## CAPSULE BANDER



The STI Laboratory Model Capsule Bander simulates the sealing process of a HiCapSeal production banding machine. The machine is capable of producing approximately 100 banded capsules per hour. The STI Laboratory Model Capsule Bander is designed to seal the joint between the capsule cap and body in order to prevent leakage of liquid products, reduce oxidation of the contents of the capsule, and to minimize the odor problems associated with both solid and liquid products. However, the most important feature of the STI Laboratory Model Capsule Bander, is to demonstrate the tamper resistant nature of the band. Once banded, the capsule is almost impossible to open and reclose without leaving evidence of tampering.

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Since the STI Laboratory Model Capsule Bander simulates the production machines, it is possible to make low volume runs for clinical trials, comparative studies, stability studies, etc. The ease of changeover from one capsule to another also makes it possible to use the STI Laboratory Model Capsule Bander as a method to evaluate a variety of capsule and banding color combinations. Capsules filled with any of a number of liquid, gel, or paste products (as well as solid dosage forms) are manually loaded into the capsule carrying slats. The slats pass through the banding process identical to the production machines. This ensures a complete and highly accurate banding operation. After banding, the slat containing the capsules is transferred to a drying rack (included with the machine) so that the operator can continue with the banding process. The result of this process is a capsule banded with the same integrity and reliability as that imparted by any HiCapSeal production banding machine.

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**SCHAEFER**  
TECHNOLOGIES, INC.

### LAB MODEL CAPSULE BANDER- TECHNICAL SPECIFICATIONS

Capable sizes:	Size 000, 00, 0, 1, 2, 3, 4
Power Requirements:	115 VAC, 50/60 Hz, v3 Amps
Room Conditions:	24°-26°C (75°-78°F) at 50-55% R.H.
Gelatin Characteristics:	Viscosity 250-300 cps Temperature Range 125-130°F
Overall Dimensions:	Width 29" x Depth 12" x Height 12" (736.6 mm x 304.8 mm x 304.8 mm) Weight: 65 pounds (29.45 Kg.)
Uses Include:	<ul style="list-style-type: none"><li>• Seals hard gelatin capsules filled with oils, pastes, beads, or powders (sizes 000 through 4)</li><li>• Small scale R&amp;D capabilities</li><li>• Short runs for evaluation of seal colors</li></ul>