

SM5000

SHEET SLITTING MODULE

FEATURES AND BENEFITS

Accurate Cuts

- Direct drive of the roller feeds material in correct position

Flexible

- Adjustable material guides and backup mode for different material sizes. Variable blade speed to meet required production speed

User-friendly

- Easy blade cleaning, convenient feed system, quiet operation

Versatile Applications

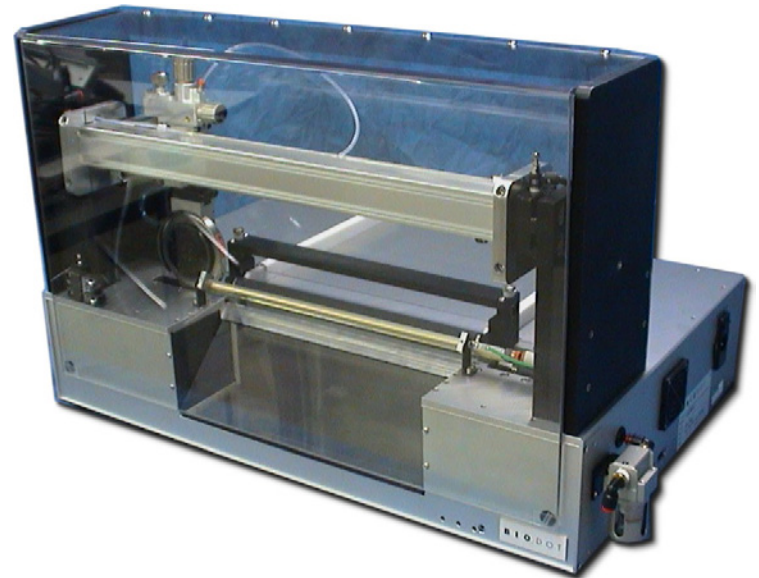
- Ideal for slitting membranes, thin absorbent pads, and glass fiber (dependent on material properties - consult factory)

Robust Design

- High quality abrasion resistant material

Precise Sheet Alignment

- Position sensor senses the sheet edge

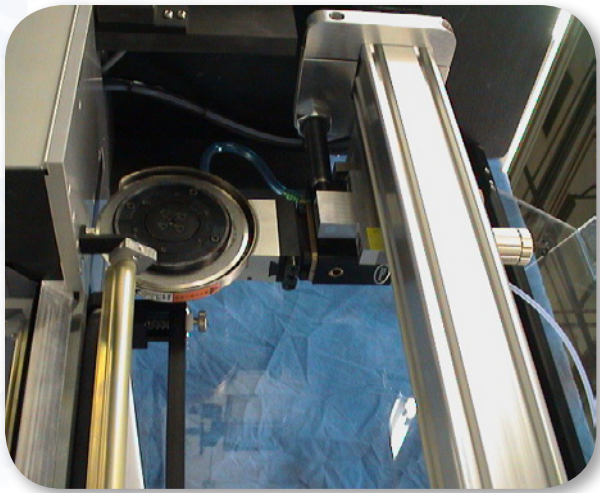


BioDot's SM5000 Sheet Slitting Module is a robust, automatic slitting system used to cut sheet material into smaller widths. Cut width, cut speed and number of cuts are easily programmed through BioDot's handheld terminal. Programs may be saved for future reference. The SM5000 is equipped with a set of variable guides for the accurate in-feed of the sheet material. A position sensor senses the sheet edge for correct cut positioning and precise slitting.

The unit is equipped with an anti-static blower, which reduces static charge build-up. The air-flow for the unit also assists in moving cut material down the exit chute.

The SM5000 is ideal for cutting membranes, glass fiber, and thin absorbent pads (dependent on material properties - consult factory).

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SPECIFICATIONS

Material Width

- Up to 12 in (30 cm) strips

Operating Speed

- 2 in to 4 in per second (5 cm/sec to 10 cm/sec)

Cut Accuracy

- ± 0.01 in (± 0.25 mm)

Data Storage

- Fully programmable

Power Requirements

- 110/220 VAC; 50 - 60 Hz; 0 - 90 PSI air

Dimensions (W x H x D)

- 17 in x 10 in x 27 in (42.5 cm x 25 cm x 67.5 cm)

Weight

- 38 lb (17 kg)

