Pyxis PharmoPack™ automated barcode packaging and labeling system

The Pyxis PharmoPack™ automated barcode packaging and labeling system is a technologically advanced system featuring patented, unique functionality. Simple to use and compact enough to fit in most pharmacies, the Pyxis PharmoPack system can provide multidose or unit-dose packaging safely and accurately. The system can also interface with pharmacy information, Automated Dispensing Cabinet (ADC) and supplier wholesale systems. It is available in various sizes to meet your unique pharmacy needs.

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Free-shape packaging (FSP)

The system includes a unique FSP system that offers on-demand, in-sequence packaging that does not require touching or medication counting during preparation. The FSP system recognizes half tablets and includes an on-demand medication counting system, so any unpackaged inventory units are accurately returned to inventory.

FSP printer

To maintain accuracy and safety, the FSP printer produces a print receipt that verifies the correct medication has been placed in the correct FSP drawer.

Manual device unit (MDU)

The Pyxis PharmoPack system allows you to create trays of medications that require special handling to be packaged. The FSP and MDU operate simultaneously with canister medications to increase the capacity and variety of medications packaged with the system.

Modular design

The Pyxis PharmoPack system is easy to use and maintain. The patented, modular design enables you to reach every area of the machine for easy medication replenishment and daily cleaning. It is a low-maintenance solution for high-speed medication packaging.

Flexible numeric display (FND) and smart chip technology

The FND can show the number of each Pyxis PharmoPack canister and confirm its correct position within the machine by reading the smart chip on each canister. This allows Pyxis PharmoPack canisters to be easily identified regardless of their position within the machine.

Equipment control touch screen

The Pyxis PharmoPack system features a small touch screen for convenience and safety. The display indicates all of the occurring processes. It also alerts technicians when medications need to be replenished and when packaging paper and printing ribbon need to be replaced.

Packaging and printing

The system prints all of the available information in the order-data fields onto each packet, with your choice of barcode format: linear, data matrix or GS1 DataBar. Packaging is done quickly, at a speed of up to 70 doses per minute.

Compact size

The Pyxis PharmoPack system can fit through standard doorways. Its patented design provides more packaging capacity in a smaller footprint.

Size comparison	
Typical pharmacy door *(H x W)*	AP-405 *(the largest model) (H x W)*
83 in. x 34 in.	82.68 in. x 33 in.

Pyxis PharmoPack packager specifications

Component	FSP5	SAPN-88FS	AP-158	AP-207	AP-267	AP-336	AP-405
Cassette capacity	8 canisters	88 canisters	158 canisters	207 canisters	267 canisters	336 canisters	405 canisters
Canister sizes	L:8	S:48, M:16, L:24	S:20, M:69, L:69	S:69, M:69, L:69	S:129, M:69, L:69	S:189, M:69, L:69	S:267, M:69, L:69
Packaging speed	35 packs/min on average (multidose)	45 packs/min on average (multidose)	55 packs/min on average (multidose)	55 packs/min on average (multidose)	55 packs/min on average (multidose)	55 packs/min on average (multidose)	55 packs/min on average (multidose)
Power supply	120 V, 60 Hz	120 V, 60 Hz	120 V, 60 Hz	120 V, 60 Hz	120 V, 60 Hz	120 V, 60 Hz	120 V, 60 Hz
Power consumption	50 W (max. 300 W)	50 W (max. 300 W)	100 W (max. 500 W)	100 W (max. 500 W)	100 W (max. 500 W)	100 W (max. 500 W)	100 W (max. 500 W)
Weight *(lb)*	265	397	1,000	1,125	1,170	1,258	1,367
Outside dimensions *(W x D x H, in inches)*	49.05 x 14.33 x 40.41	49.05 x 14.33 x 83.46	33.07 x 40.5 x 60.63	33.07 x 40.5 x 66.93	33.07 x 40.55 x 66.93	33.07 x 40.55 x 73.46	33.07 x 40.55 x 82.68

Additional specifications for all models

Display and input	Touch screen
Control system	Industrial personal computer (IPC) touch screen
Operating system	Microsoft® Windows® 7
Normal operating ambient temperature	70°–82°F
Operating humidity	10–80%
Printer method	Thermal
Printer course	Line direction
Character capacity	All Microsoft Windows characters and 128 linear and Aztec Code
Printer rated voltage	24 V, direct current (DC)
Printer rated power	50 W

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