

# Universal Cassettes for Kinaero™ pMDI Fire-down System



*The Kinaero™ High-throughput pMDI Fire-down System and its innovative Universal Cassettes ensure fully controlled, accurate, and reproducible automated actuation.*

*Devices and canisters are held securely within the precision-engineered Universal Cassettes allowing for proper actuation every time and in every position.*



Actuator Device Cassette



Canister Cassette



## Combining robustness for automation accuracy with device flexibility

- Devices are held securely ensuring actuation parameters are accurate and reproducible
- Universal cassettes address a wide variety of actuator devices and canisters

## Actuate your devices properly and reproducibly

- Precision engineering and quality manufacturing assures devices are held in the proper orientation

## Flexibility provided by standard or custom cassettes

- Standard cassettes hold most actuator devices and canisters
- Custom cassettes are also available



Typical Devices that fit into the Type A Device Cassette



Typical Devices that fit into the Type B Device Cassette



## Easy to load devices into the cassette and the cassette into the instrument



### Actuator Device Cassettes

Device cassettes are configured to fit a broad range of devices with similar physical profiles.

Part #	Description	Body Width	Body Depth	Mouthpiece Shape	Max Device Height
009525-00	Cassette Type A	1.087 – 1.190 inches 2.761 – 3.023 cm	1.070 – 1.222 inches 2.718 – 3.104 cm	Elliptical Polygon	3.7 inches 9.4 cm
009526-00	Cassette Type B	1.481 inches 3.761 cm	1.477 inches 3.751 cm	Elliptical or Circular, 90° angle to body	3.7 inches 9.4 cm
009527-00	Cassette Type C Specific wide body Bespak Devices	1.481 inches 3.761 cm	1.477 inches 3.751 cm	N/A	3.84 inches 9.4 cm
7000-PSDS	Cassette Custom				

### Canister Cassettes/Sumps

Part #	Description	Stem Port Diameter	Stem Diameter	Max Device Height	Max Canister Diameter
009528-00	Canister Cassette	Requires one sump bar			
009531-00	Sump A (dose counter)	0.1245 inches	0.123 – 0.127 inches 0.312 – 0.323 cm	3.6 inches 9.144 cm	1.0 inch 2.5 cm
009532-00	Sump B	0.1245 inches	0.12 – 0.127 inches 0.31 – 0.323 cm	3.6 inches 9.144 cm	1.0 inch 2.5 cm
009533-00	Sump C	0.1118 inches	0.110 inches 0.2794 cm	3.6 inches 9.144 cm	1.0 inch 2.5 cm

For actuator device and canister profiles not represented in the above tables, please consult with your local sales representative.



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