



# Mobius® Powder Delivery System

Easily deliver powder into a mixing vessel

The Mobius® Powder Delivery System is designed for the easy and safe delivery of powders into a mixing vessel. The system includes a hoist, fill stand, funnel, support brackets, and single-use Mobius® powder bags. Applications include the preparation of buffer, media and APIs with dry powder.

## Mobius® Powder Bag Benefits

- Bioburden control with gamma irradiated bag
- Reduced contamination risk with secure clamp
- Antistatic AmorFlex® 114 film, manufactured by ILC Dover, for high product recovery
- Wide weight coverage, up to 25 kg
- Compatible with Mobius® single-use mixer bags 4" Tri-Clamp® connection



**Mobius® Powder Bags, 10 L and 25 L**

## Mobius® Hoist

The Mobius® hoist is designed for use with the Mobius® MIX and Mobius® Power MIX mixer families, up to 1000 L. (Note: The 2000 L Mobius® Power MIX model has an optional integrated hoist).

The hoist is capable of lifting and lowering up to 25 kg filled powder bags.

## Mobius® Fill Stand with Funnel

The Mobius® fill stand securely holds the powder bag, enabling you to dispense powder into the container quickly, easily and safely. The height of the fill stand is adjustable and can be used with both sizes of the powder bags.

## Related Products

### Mobius® Single-use Mixing Systems

The Mobius® single-use mixing solutions deliver advanced technology for mixing pharmaceutical ingredients from intermediate to final drug products and for the preparation of process solutions, such as buffers and media. The Mobius® Powder Delivery System is compatible with the Mobius® Power MIX and Mobius® MIX families.



**Mobius® Hoist**



## Specifications

### Mobius® Powder Bag

Materials of Construction	
ArmorFlex® 114 Film	Linear low density polyethylene (LLDPE)
4" Tri-Clamp® connection	Polyethylene
Cap	Low density polyethylene (LDPE)
Clip	Polyamide
Regulatory information	
ArmorFlex® 114 Film was tested pre-gamma and meets the following criteria:	Passes USP <88>, <i>In vivo</i> Biological Reactivity Test for class VI plastics
	Passes USP <87> <i>In vitro</i> Biological Reactivity Test
	Passes USP <661> Physiochemical Tests for Plastics
	European Pharmacopoeia (EP) Section 3.1.3 testing compliant
	European Directive 10/2011 compliant
US FDA (21 CFR, Part 182) compliant	
Drug Master File (DMF) filed with FDA	
No animal derived components	
Gamma Irradiation	25–40 kGy
Volume (L)	10, 25
Maximum Weight (kg)	10, 25
Powder Connection	4" TC port
Shelf Life	2 years
Packaging	Individually double-bagged and sold in 5 packs

### Funnel

Materials of Construction	
Materials of Construction	High density polyethylene (HDPE)
Height in. (cm)	8 (20)
Diameter in. (cm)	8 (20)

### Fill Stand

Materials of Construction	
Fill Stand	316 stainless steel
Clamp	Delrin®
Base Width in. (cm)	13 (33)
Base Length in. (cm)	22 (56)
Height in. (cm)	20 (51)
Weight lb (kg)	29 (13)

### Hoist

Materials of Construction	
Frame and winch assembly	304 stainless steel
Hook	316 stainless steel
Cable	302 stainless steel
Wheels with locking brakes	304 stainless steel with polyolefin wheels, 2 in. front, 4 in. back
Pulleys	Nylon
Sleeve bearings	Ultra high molecular weight polyethylene (UHMWPE)
Base width in. (cm)	28.5 (73)
Base depth in. (cm)	38.5 (98)
Total height in. (cm)	113 (287)
Weight lb (kg)	450 (205)

### Support Brackets

Materials of Construction	
Bracket	316 stainless steel

## Ordering Information

### Powder Bags

Volume (L)	Qty/Pack	Cat. No.
10 L or max of 10 kg	5	PDRBG10L
25 L or max of 25 kg	5	PDRBG25L

### Accessories

Description	Qty	Cat. No.
Mobius® Hoist	1	MIXPDRH0IST
Mobius® Funnel	1	MIXPWDRFNL
Mobius® Fill Stand	1	PDRBGFILSTN

Mobius® Mixer Bag Support Bracket*	Qty	Cat. No.
For 100 L mixer carrier	1	MIX0100BRKT4
For 200 L mixer carrier	1	MIX0200BRKT4
For 500 L mixer carrier	1	MIX0500BRKT4
For 1000 L mixer carrier	1	MIX1000BRKT4

\* Please note: The support brackets are designed for use with the Mobius® MIX family. The brackets are not recommended for use with the Mobius® Power MIX family.

For additional information, please visit [MerckMillipore.com](https://www.MerckMillipore.com)

To place an order or receive technical assistance, please visit [MerckMillipore.com/contactPS](https://www.MerckMillipore.com/contactPS)

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