

DISPO™ 1500 POWDER

DISPENSING SYSTEM

FEATURES AND BENEFITS

- Delivered masses are based on sampled volumes, not by direct mass. Mass-range covers 100 µg to 20 mg per transfer.
- Benchtop platform easily fits on standard lab benches and inside powder weigh hoods.
- Range of source and destination vessels, including vials and microwell plates.
- Integrated wash and vacuum dry station.
- Flexible PC-based control software.



The DisPo Powder Dispensing System is capable of transferring between 100 micrograms and 20 milligrams of powder per transfer. The system can sample from vials, microwell plates, tubes, and other custom sources. Individual discrete masses are transferred by a combination of sample probes; each probe is capable of a limited range of masses. The minimum required mass of powder for sampling is 5 milligrams. Although powder dependent, typical dispense precision is ~10% CV for a wide range of powder types. Cycle time for dispensing is ~30 sec/dispense.

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CATEGORY

VALUE

X - Y transfer area
maximum axis speed

300 x 200 mm
100 mm/sec

Electrical

110/220 VAC

Footprint (W x H x D)

81 cm
61 cm
61 cm

Weight

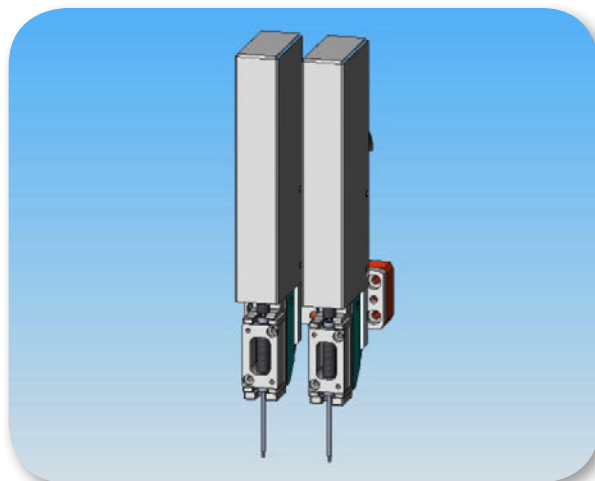
39 kg

OPTIONS

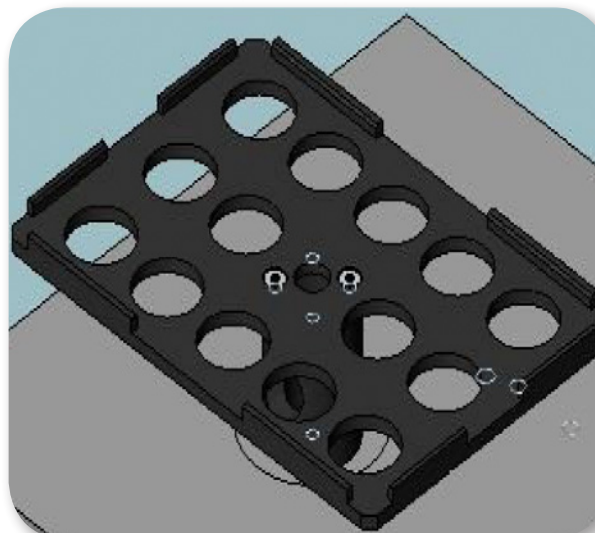
- There are several options for the DisPo Benchtop Powder Dispensing System, including: multiple sample probes, dual sample probe head, and integrated balance.



Multiple Sample Probes



Dual Sample Probe Head



Integrated Balance