

DRY & DECARB OVENS

Decarboxylate Biomass / Organic Material

SHORT LEAD TIMES
GET IN BUSINESS FASTER!

KEEP IT CLEAN!
MESH BAGS TO HOLD POWDERS
AND GROUND MATERIAL



CDO-5 BENCHTOP OVEN

Cascade Sciences' Decarb Ovens are best-in-class for removing moisture and decarboxylation of organic plant material. The uniform temperatures, horizontal, forced-air convection, and built-in humidity sensor make the CDO ovens highly effective for a wide range of drying, curing, and decarb applications.

FEATURES

- Automatic Operation with Easy Timer
- Overtemp Protection
- Humidity sensor displays relative humidity levels during process
- Forced-Air convection drying; the airflow moves uniformly across the shelf space from right to left
- Stable heat up times
- CDO-5 includes 2 adjustable shelves; CDO-28 includes 6 stay in place sliding extension shelves
- FDA compliant polypropylene mesh bags to hold biomass material; 2 bags per CDO-5, 6 bags per CDO-28
- Food and laboratory-grade construction with stainless steel interior
- Triple wall construction meets CE, UL, and TUV requirements
- Quality made in Oregon, USA
- **N2 Purge Kit & Stainless Steel Exterior Options Available!**



CDO-28 INDUSTRIAL OVEN

NOTE: Mesh Bags are REQUIRED to prevent oven contamination and ground material loss.

NRTL CERTIFIED

1-YEAR WARRANTY

GO STAINLESS!

CDO-28 is available with a
Stainless Steel Exterior
Item No: CDO-28-SS



**AVAILABLE WITH
NITROGEN PURGE!**
Item No: CDO-28-SS-N2

503-847-9047

info@cascadesciences.com
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VISIT OUR SHOWROOM!

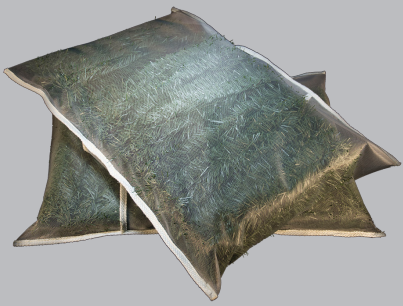
6725 NE Evergreen Pkwy, Ste 106
Hillsboro, OR 97124

NRTL CERTIFICATION

CAN/CSA-C22.2 No. 61010-1:2012
+UPD No. 1:201-07 + UPD No. 2:2016-04
CAN/CSA-C22.2 No. 61010-2-010:2015
UL 61101-1:2012/R:2016-04
UL 61010-2-010:2015
EN 61010-1:2015
EN 61010-2-010:2014



Mesh Bags are REQUIRED to prevent oven contamination and ground material loss.



MESH BAGS:

Bi-Planar Mesh extruded from FDA compliant polypropylene, 30 stands per inch.

CDO-5 MESH BAG DIMENSIONS:

Width: 20.5"
Length: 15.5"

CDO-28 MESH BAG DIMENSIONS:

Width: 27.5"
Length: 21.5"

CAPACITY: Approx 3-6 lbs of medium ground material.

TEMPERATURE:

Melt Temp: 161°C (363°F)
Softening Point: 152°C (305°F)
Heat Deflection Temp: 90°C (194°F)

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CDO-5 BENCHTOP

CDO-28 INDUSTRIAL

CAPACITY

Volume:	4.9 Cubic Ft (138 Liters)	28 Cubic Ft (792 Liters)
Interior:	21" W x 19.4" D x 20.7" H	31.7" W x 26" D x 60.9" H
Exterior:	34.1" W x 28.1" D x 38.78"	42.5" W x 34.1" D x 85.9" H
Access Port:	2.75" Diameter (Rear)	2.75" Diameter (Rear)

SHELVING

Maximum:	2 Each: Adjustable	6 Each: Adjust. Extension Sliders
Surface Area:	5 Shelves	16 Shelves
Weight Capacity:	20.75" W x 19" D	31.1" W x 23.9" D
Mesh Bags:	50 lbs Per Shelf	75 lbs Per Shelf
	2 Included - 20.5"W x 15.5"D	6 Included - 27.5"W x 21.5"D

TEMPERATURES

Heat Up Time From 77°F to 240°F:	40 Minutes	22 Minutes
Range:	Ambient +26°F to 300°F	Ambient +26°F to 300°F
Uniformity at 240°F:	±1.3°F	±3.6°F
Stability:	±0.4°F	±0.4°F

AIRFLOW

Air Exchanges:	220 Per Hour (@176°F)	125 Per Minute
Exhaust Air Flow:	18.5 Cu. Ft. Per Min. (44°C)	17.3 Cu. Ft. Per Minute (490L)

FACILITIES

Power:	110-120V / 1ph / 14A / 50/60Hz (220V Available)	220V - 240V / 1ph / 26A / 50/60Hz (208V ok)
Cord Type:	110V - 120V NEMA 5-15R	None, must be hardwired
Air Intake (Adjustable):	Side Vents	Top 2.75" Diameter
Air Exhaust (Adjustable):	Top 2.75" Diameter	Top 2.75" Diameter
Recommended Clearance:	12 - 24" All Sides	12 - 24" All Sides

WEIGHT

Unit Weight:	208 lbs (94.3 kg)	565 lbs (256 kg)
Shipping:	258 lbs (117 kg)	694 lbs (315 kg)

