CLEATECH LLC.

Cleanroom & Laboratory Solutions

Product Sampler

Desiccator Cabinets

CLEATECH LLC.

Critical Laboratory solutions

- ☐ Laminar Flow Workstation
- ☐ Desiccator, Low-Humidity storage cabinets
- ☐ Glove Box Systems
- ☐ Laboratory Fume Hoods
- ☐ Cleanroom and Laboratory Accessories

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Desiccator Cabinets, Adjustable Height Shelf, One Chamber per Tier (1500 Series)

Multi-chamber Desiccator Cabinets with chrome-plated racks which provides adjustable shelf placement. Shelves easily slide on wire racks to make more storage space. Select acrylic or dissipative PVC cabinets, one to ten chambers, manual or automated RH control. Static-control options protect sensitive materials against electrostatic, built-in grounding terminal provides additional ESD safety.

Features:

304 stainless steel door frame extend service lifetime
Stainless Steel door hinge for maximum door support
Lift-and-turn Compression Latch
Chrome-plated racks allow shelf placement at one-inch increments.
Plenum chamber minimizes backfill ensures uniform gas distribution
Grounded rack, hinge and door latch provide additional ESD safety.

Overall Dimension W" x D" x H"	No. Of Doors	Clear Acrylic		UV Amber Acrylic		Static-Dissipative PVC	
12x16x12	1	1500-1-A	$490	1500-1-D	$580	1500-1-G	$725
16x16x12	1	1500-1-B	$550	1500-1-E	$625	1500-1-H	$770
18x18x12	1	1500-1-C	$595	1500-1-F	$680	1500-1-I	$830
24x18x12	1	1500-1-J	$650	1500-1-K	$741	1500-1-L	$1,059
24x24x12	1	1500-1-M	$745	1500-1-N	$795	1500-1-O	$1,130
24x18x16	1	1500-1-P	$810	1500-1-Q	$890	1500-1-R	$1,195
24x24x16	1	1500-1-S	$860	1500-1-T	$910	1500-1-U	$1,260
16x16x24	2	1500-2-A	$740	1500-2-D	$850	1500-2-G	$1,245
18x18x24	2	1500-2-B	$790	1500-2-E	$908	1500-2-H	$1,295
24x18x24	2	1500-2-C	$895	1500-2-F	$995	1500-2-I	$1,420
24x24x24	2	1500-2-J	$995	1500-2-K	$1,150	1500-2-L	$1,765
24x18x32	2	1500-2-M	$1,210	1500-2-N	$1,360	1500-2-O	$2,070
24x24x32	2	1500-2-P	$1,320	1500-2-Q	$1,480	1500-2-R	$2,295
16x16x36	3	1500-3-A	$1,089	1500-3-D	$1,325	1500-3-G	$2,050
18x18x36	3	1500-3-B	$1,190	1500-3-E	$1,350	1500-3-H	$2,185
24x18x36	3	1500-3-C	$1,245	1500-3-F	$1,495	1500-3-I	$2,365
24x24x36	3	1500-3-J	$1,575	1500-3-K	$1,725	1500-3-L	$2,645
24x18x48	3	1500-3-P	$1,725	1500-3-Q	$1,830	1500-3-R	$2,860
24x24x48	3	1500-3-M	$1,810	1500-3-N	$1,995	1500-3-O	$2,950
16x16x48	4	1500-4-A	$1,495	1500-4-D	$1,720	1500-4-G	$2,600
18x18x48	4	1500-4-B	$1,590	1500-4-E	$1,815	1500-4-H	$2,700
24x18x48	4	1500-4-C	$1,690	1500-4-F	$1,895	1500-4-I	$3,020
24x24x48	4	1500-4-V	$1,790	1500-4-W	$1,995	1500-4-X	$3,260
24x18x64	4	1500-4-Y	$1,950	1500-4-Z	$2,175	1500-4-AA	$3,630
24x24x64	4	1500-4-S	$2,195	1500-4-T	$2,320	1500-4-U	$3,900
16x16x60	5	1500-5-A	$1,830	1500-5-D	$2,125	1500-5-G	$2,840
18x18x60	5	1500-5-B	$1,920	1500-5-E	$2,295	1500-5-H	$3,080
24x18x60	5	1500-5-C	$2,210	1500-5-F	$2,455	1500-5-I	$3,530
24x24x60	5	1500-5-C	$2,390	1500-5-K	$2,550	1500-5-L	$3,980

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Desiccator Cabinets, Adjustable Height Shelf, Two Chambers per Tier

Overall Dimensions W" x D" x H"	No. Of Doors	Clear Acrylic		UV Amber Acrylic		Static-Dissipative PVC	
32x16x24	4	1500-A-J	$1,510	1500-4-M	$1,750	1500-4-P	$2,630
36x18x24	4	1500-4-K	$1,640	1500-4-N	$1,850	1500-4-Q	$2,760
48x18x24	4	1500-4-L	$1,750	1500-4-O	$1,890	1500-4-R	$3,090
48x24x24	4	1500-4-AB	$1,820	1500-4-AC	$1,925	1500-4-AD	$3,280
48x18x32	4	1500-4-AE	$1,990	1500-4-AF	$2,185	1500-4-AG	$3,650
48x24x32	4	1500-4-AH	$2,210	1500-4-AJ	$2,350	1500-4-AK	$3,960
32x16x36	6	1500-6-A	$2,490	1500-6-D	$2,795	1500-6-G	$3,960
36x18x36	6	1500-6-B	$2,547	1500-6-E	$2,754	1500-6-H	$4,125
48x18x36	6	1500-6-C	$2,728	1500-6-F	$3,025	1500-6-I	$4,580
48x24x36	6	1500-6-J	$3,050	1500-6-K	$3,225	1500-6-L	$4,995
48x18x48	6	1500-6-P	$3,290	1500-6-Q	$3,385	1500-6-R	$5,640
48x24x48	6	1500-6-M	$3,555	1500-6-N	$3,710	1500-6-O	$5,995
32x16x48	8	1500-8-A	$2,995	1500-8-D	$3,280	1500-8-G	$4,870
36x18x48	8	1500-8-B	$3,180	1500-8-E	$3,370	1500-8-H	$5,160
48x18x48	8	1500-8-C	$3,410	1500-8-F	$3,765	1500-8-I	$5,876
48x24x48	8	1500-8-N	$3,720	1500-8-M	$3,950	1500-8-O	$6,635
48x18x64	8	1500-8-P	$3,990	1500-8-Q	$4,295	1500-8-R	$7,410
48x24x64	8	1500-8-J	$4,180	1500-8-K	$4,450	1500-8-L	$7,620
32x16x60	10	1500-10-A	$3,650	1500-10-D	$3,990	1500-10-G	$5,995
36x18x60	10	1500-10-B	$3,790	1500-10-E	$4,195	1500-10-H	$6,500
48x18x60	10	1500-10-C	$4,290	1500-10-F	$4,520	1500-10-I	$7,270
48x24x60	10	1500-10-J	$4,585	1500-10-K	$4,850	1500-10-L	$8,170

Clear Acrylic / SD PVC

UV Amber Acrylic

Note: *These Nitrogen purge desiccator cabinets can be changed to desiccant type (nitrogen-free) cabinets upon request. The Desiccator cabinet can be ordered without back plenum in order to have isolated atmosphere chambers.*

Accessories:

- *Gas-in Port & Pressure Relief Valve*
- *Nitrogen-Purge Control Unit with humidity sensor **
- *Flowmeter, range 2-20 SCFH air. with Valve-External Mount*
- *Locking Bracket for Padlock, Stainless Steel*
- *Cam lock, installed for each door*
- *Perforated Acrylic Shelf*
- *Perforate Stainless Steel Shelf*
- *Perforated Static Dissipative Shelf*
- *Digital Hygrometer*
- *Re-generable Silica gel cartridge Desiccant, indicating Silica Gel ,2"x2'x1"*
- *Stainless Steel Desiccant Tray 15"x15"x 0.75" Perforated removable lid*
- *Stand with Caster- Powder Coated Steel*
- *Stand with Level Mount- Powder Coated Steel*

Auto Purge Control Unit

Secure Door w/Cam Lock

****Note:*** *Automatic Purge Control unit designed to automatically control purge system to maintain desired low relative humidity and reduce consumption and cost of inert gas by 70%. (Refer to page 8)*

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Wafer Desiccator Cabinets, 1510 Series

Wafer carrier storage desiccator cabinets provide high density storage of up to 12" diameter silicon wafers in standard wafer containers / carriers. We can also offer them in pass-through designs for dual-side access. Designed for storage of 200 mm or 300 mm wafers in most standard cassettes and lot boxes. Humidity control system enhances desiccator efficiency and saves up to 70% of nitrogen costs and preserves moisture-sensitive wafers in a dry & particle-free environment.

Overall Dimensions W" x D" x H"	Wafer Size	No. Of Chambers	Storage Capacity	Clear Acrylic		Static-Dissipative PVC	
26.5x25x48	8"	4	16*	1510-4-A	$2,420	1510-4-B	$4,050
26.5x25x60	8"	5	20*	1510-5-C	$2,860	1510-5-D	$4,595
53x25x36	8"	6	24*	1510-6-E	$3,610	1510-6-F	$5,940
53x25x48	8"	8	32*	1510-8-G	$4,410	1510-8-H	$7,290
53x25x60	8"	10	40*	1510-10-K	$5,590	1510-10-L	$9,180
19x25x64	12"	4	8**	1510-4-M	$2,720	1510-4-N	$4,275
19x29x64	12"	4	8**	1510-4-Q	$3,190	1510-4-R	$4,995
38x25x64	12"	8	16**	1510-8-O	$4,310	1510-8-P	$6,650
38x29x64	12"	8	16	1510-8-Q	$4,750	1510-8-R	$7,320

** Based on Wafer Containers 12"W x 11"D x 10 1/4" H or smaller*
*** Based on Wafer Containers 17"W x 101/2"D x 14" H or smaller*

Automatic Purge Control System

Extra Wide Desiccator Cabinets, 1560 Series

Extra wide Desiccator Cabinets provide maximum room for storage of wafers or long products in a clean, low humidity nitrogen environment. They feature extra wide door with stainless steel frame opening swing down. Available in Clear Acrylic construction. Amber Acrylic is also available upon request.

Features:

Swing Down Door with 304 stainless steel door frames
Two long handle Lift-and-turn Compression Latches for each door
Plenum chamber minimizes backfill ensures uniform gas distribution
Grounded rack, hinge and door latch provide additional ESD safety.

Overall Size W' x D" x H"	No. Of Chambers	Door Clearance W" x H"	Clear Acrylic		Static Dissipative PVC	
31x29x50	4	29.5 x 10.25	1560-4-A	$3,520	1560-4-B	$5,140
31x29x62	5	29.5 x 10.25	1560-5-A	$4,195	1560-5-B	$6,150
62x29x38	6	29.5 x 10.25	1560-6-A	$4,420	1560-6-B	$6,990
62x29x50	8	29.5 x 10.25	1560-8-A	$5,830	1560-8-B	$9,320
62x29x62	10	29.5 x 10.25	1560-10-A	$6,940	1560-10-B	$11,580

Accessories:

•Same as standard wafer desiccators 1510 Series

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Sliding Drawer Desiccator Cabinets, Non-ESD, 1520 Series

Drawer Storage Desiccator Cabinets (Tote Box Desiccator) provide optimal organization in a clean, low humidity nitrogen environment. Each chamber accommodates 6 clear polypropylene molded drawers with the inside dimension of 10.25″ W, 13.25″ D and 3″ H. Available in Clear Acrylic and Amber Acrylic construction.

Overall Size W' x D" x H"	No. Of Chambers	No. Of Drawers	Drawer Inside Dimension W" x D" x H"	Clear Acrylic		Amber Acrylic	
26x18x38	3	18	10.25 x 13.25 x 3	1520-3-A	$2,720	1520-3-B	$2,890
26x18x50	4	24	10.25 x 13.25 x 3	1520-4-D	$3,295	1520-4-E	$3,510
26x18x62	5	30	10.25 x 13.25 x 3	1520-5-G	$3,980	1520-5-H	$4,395
52x18x38	6	36	10.25 x 13.25 x 3	1520-6-J	$4,800	1520-6-K	$5,575
52x18x50	8	48	10.25 x 13.25 x 3	1520-8-M	$6,440	1520-8-N	$6,890
52x18x62	10	60	10.25 x 13.25 x 3	1520-10-P	$7,790	1520-10-Q	$8,450

Accessories:

•Gas-in Port & Pressure Relief Valve •Automatic Purge Control Unit with Humidity sensor •Flowmeter, range 2-20 SCFH air. with Valve-External Mount •Locking Bracket, Stainless Steel •Camlock to Secure the cabinet •Digital Hygrometer •Humidity and Temperature data logger •Stand with Caster- Powder Coated Steel •Stand with Level Mount- Powder Coated Steel.

Sliding Drawer Desiccator Cabinets, ESD Safe, 1530 Series

1530 series ESD safe desiccators are available from two to ten chamber cabinets accommodates up to 5 stainless steel tray or shelf per chamber, designed for storing humidity-sensitive samples products, and electronics in a clean, dry, electro-static safe and oxygen-free environment. Construction material is Static dissipative PVC.

Features:

Plenum chamber minimizes backfill ensures uniform gas distribution
Grounded rack, hinge and door latch provide additional ESD safety.

Overall Dimensions W" x D" x H"	No. Of Chambers	No. Of Trays	Tray inside dimension W" x D" x H"	Static-Dissipative PVC	
24x18x24	2	10	21 x 15.25 x 1.5	1530-2-I	$2,440
24x18x36	3	15	21 x 15.25 x 1.5	1530-3-I	$3,890
24x18x48	4	20	21 x 15.25 x 1.5	1530-4-I	$4,990
24x18x60	5	25	21 x 15.25 x 1.5	1530-5-I	$5,990
53x25x60	6	30	21 x 15.25 x 1.5	1530-6-I	$7,190
48x18x36	8	40	21 x 15.25 x 1.5	1530-8-I	$9,156
48x18x48	10	50	21 x 15.25 x 1.5	1530-10-I	$10,870

Accessories:

•Same Accessories as non-ESD cabinets above

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Pass-Through Desiccator Cabinets, 1540 Series

Cleatech pass-through desiccator cabinets can be installed within a cleanroom or inventory room wall or can be positioned between two aisles in assembly rooms allowing access to stored materials from both sides. The compartments can be fully isolated from each other as each compartment utilizes an inlet and bleeding valve for introduction of nitrogen gas or CDA to complete purging system to reduce the moisture level down to 0%. Or the compartments can be connected to each other through some perforations between chamber dividers so they can be used with one set of inlet and bleeding valve along with a single channel automatic purge control unit. PCU or purge controller can provide automatic low-humidity control capable of measuring and displaying humidity inside the pass-through cabinets in the range: 5-100%RH.

Overall Dimension W" x D" x H"	No. Of Chamber (R x C)	Shelf Space (Usable Area) W" x D"	Clear Acrylic *		UV Amber Acrylic *		Static-Dissipative PVC Transparent**	
24x24x24	2X1	21 1/2x21 1/2	1540-2-A	$1,150	1540-2-B	$1,330	1540-2-C	$2,130
24x18x32	2X1	21 1/2x15 1/2	1540-2-D	$1,365	1540-2-E	$1,600	1540-2-F	$2,370
24x24x36	3X1	21 1/2x21 1/2	1540-3-A	$1,900	1540-3-B	$2,280	1540-3-C	$3,145
24x18x48	3X1	21 1/2x15 1/2	1540-3-D	$2,100	1540-3-E	$2,450	1540-3-F	$3,560
24x24x48	4X1	21 1/2x21 1/2	1540-4-A	$2,200	1540-4-B	$2,650	1540-4-C	$4,350
24x18x64	4X1	21 1/2x15 1/2	1540-4-D	$2,450	1540-4-E	$2,910	1540-4-F	$4,450
24x18x60	5X1	21 1/2x15 1/2	1540-5-A	$2,550	1540-5-B	$2,990	1540-5-C	$4,490
24x24x60	5X1	21 1/2x21 1/2	1540-5-D	$2,750	1540-5-E	$3,150	1540-5-F	$4,880
48x24x36	3x2	21 1/2x21 1/2	1540-6-A	$3,150	1540-6-B	$3,520	1540-6-C	$5,750
48x18x48	3x2	21 1/2x15 1/2	1540-6-D	$3,540	1540-6-E	$3,960	1540-6-F	$6,580
48x24x48	4X2	21 1/2x21 1/2	1540-8-A	$3,900	1540-8-B	$4,420	1540-8-C	$7,600
48x18x64	4X2	21 1/2x15 1/2	1540-8-D	$4,390	1540-8-E	$4,810	1540-8-F	$7,990
48x18x60	5X2	21 1/2x15 1/2	1540-10-A	$4,650	1540-10-B	$5,190	1540-10-C	$8,220
48x24x60	5X2	21 1/2x21 1/2	1540-10-D	$4,935	1540-10-E	$5,290	1540-10-F	$8,840

Feature: *Front and rear access doors allow pass-through operation.*

Accessories:

- Gas-in Port & Pressure Relief Valve
- Nitrogen-Purge Control Unit with humidity sensor (Refer to Page 8)
- Flowmeter, range 2-20 SCFH air. with Valve-External Mount
- Locking Bracket for Padlock, Stainless Steel
- Cam lock, installed for each door
- Perforated Acrylic Shelf
- Perforate Stainless Steel Shelf
- Perforated Static Dissipative Shelf
- Digital Hygrometer
- Re-generable Silica gel cartridge Desiccant, indicating Silica Gel ,2"x2'x1"
- Stainless Steel Desiccant Tray 15"x15"x 0.75" Perforated removable lid
- Stand with Caster- Powder Coated Steel
- Stand with Level Mount- Powder Coated Steel

Inert Gas Purging System

Dual Side Access Cabinets

Auto Purge Control Unit

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Single Chamber Plastic Desiccator Cabinets, 1400 Series

All-transparent single door portable desiccator cabinets with swing down door, offer convenient dust and moisture-free storage that can be easily transferred to different locations. They provide low humidity controlled environment using desiccant or inert gas.

Overall Dimensions W" x D" x H"	Shelf Usable Space	Clear Acrylic		UV Amber Acrylic		Static-Dissipative PVC	
9x9x9	8.5 x 8	1400-1-P	$360	1400-1-R	$379	1400-1-T	$545
10x14x10	9.5 x13	1400-1-Q	$370	1400-1-S	$395	1400-1-U	$595
12x12x12	11.5 x11	1400-1-A	$410	1400-1-F	$435	1400-1-K	$695
16x16x12	15.5 x15	1400-1-V	$455	1400-1-X	$485	1400-1-Z	$745
16x18x16	15.5 x17	1400-1-W	$480	1400-1-Y	$530	1400-1-AA	$780
18x18x 9	17.5 x17	1400-1-B	$450	1400-1-G	$485	1400-1-L	$750
18x18x12	17.5 x17	1400-1-C	$495	1400-1-H	$530	1400-1-M	$855
24x18x12	23.5 x17	1400-1-D	$577	1400-1-I	$605	1400-1-N	$895
24x24x12	23.5 x23	1400-1-E	$625	1400-1-J	$665	1400-1-O	$950
20x20x18	19.5 x19	1400-1-AB	$655	1400-1-AC	$710	1400-1-AD	$1,020
24x24x18	23.5 x23	1400-1-AE	$740	1400-1-AF	$790	1400-1-AG	$1,150

Accessories:

• Gas-in/out Port • Perforated Shelf • Automatic Purge Control Unit • Flowmeter • RH & Temperature monitor •Re-generable Silica Gel Desiccant Cartridge • Desiccant Tray

Single Chamber Stainless Steel Desiccator Cabinets, 1600 Series

Cleatech® Stainless steel desiccators are durable, low humidity storage cabinets which designed for maximum weight capacity and long term durability. Cabinets can be equipped with optional inlet and outlet ports that allow gas to be purged through the storage area. They can be used with inert gas, CDA or desiccant. For automated purging and humidity control they can be used with Cleatech Automatic purge control unit. (Refer page 8)

Dimensions W"x D"x H"	Shelf Usable Space	304 Stainless Steel Desiccator		Corresponding Perforated Shelves	
16x16x16	14.5 x15	1600-1-B	$1,740	A16-SH-S1	$140
18x18x16	16.5 x17	1600-1-D	$1,750	A16-SH-S2	$145
20x20x16	18.5 x19	1600-1-F	$1,780	A16-SH-S3	$155
22x22x16	20.5 x21	1600-1-H	$1,810	A16-SH-S4	$165
20x20x22	18.5 x19	1600-1-I	$1,940	A16-SH-S3	$155

For cleanroom compatibility of cabinet and shelves, we offer Exterior Electropolish & Interior Passivation.

The front window's available in Static Dissipative PVC and Tempered Glass

Accessories:

• Gas-in Port & Pressure Relief Valve • Stainless Steel Perforated Shelf • Automatic Purge Control Unit with Humidity sensor • Flowmeter, range 2-20 SCFH air. with Valve-External Mount • Locking Bracket, Stainless Steel • Camlock to Secure the cabinet • Digital Hygrometer • Humidity and Temperature data logger • Multi-Level Stand with Caster or Leveling mount.

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Vacuum Desiccator Cabinets, Type I, Removable Lid, 1300 Series

Vacuum Desiccator Cabinets are vacuum chambers made of clear Acrylic designed for vacuum testing, degassing small parts, de-foaming, mixed liquids, biological tests and storing samples under sustained low and intermediate vacuums. Type I, features fully removable top lid.

Inside Dimension W" x D" x H"	Overall Dimension W" x D" x H"	Max. Vacuum Level (in. Of HG)	Vacuum Desiccator Type I	
7x7x8	9x9x12	29.8+	1300-1-A	$1,510
9x9x9	11x11x13	29.8+	1300-1-B	$1,570
10x10x8	12x12x12	29.8+	1300-1-C	$1,650
11x8x10	13x10x14	29.8+	1300-1-D	$1,690
14x8x10	16x10x14	29.8+	1300-1-E	$1,740
12x12x12	14x14x16	29.8+	1300-1-F	$1,795
15x15x12	17x17x16	29.8+	1300-1-G	$1,910
20x16x14	22x18x18	29.8+	1300-1-H	$2,520
21.75x16x14	24x18x18	29.8+	1300-1-I	$2,670

Features:

Made of clear 1 inch. thick acrylic material
Removable cover makes it easy to insert and take out samples
Removable perforated Acrylic shelf. Additional shelf is optional
Supports vacuum level of 29.8″ Hg and more (> 756 millimeter of Mercury)

Vacuum Desiccator Cabinets, Type II, Front Hinged Door, 1300 Series

Newly designed Vacuum Desiccator Cabinets, Type II with front hinged door and O-ring sealing. Up to four shelves can be installed. Shelves are removable if larger space required.

Inside Dimension W" x D" x H"	Overall Dimension W" x D" x H"	Max. Vacuum Level (in. Of HG)	Vacuum Desiccator Type II	
12x12x12	14x14x15	29.8+	1300-2-A	$2,050
14x14x14	16x16x17	29.8+	1300-2-B	$2,190
10x12x16	12x14x19	29.8+	1300-2-C	$2,310
10x14x18	12x16x21	29.8+	1300-2-D	$2,520

Features:

Made of clear 1 inch. thick acrylic material
Front Hinged Door for easier access to the samples in all shelves
Removable perforated Acrylic shelf. Additional shelf is optional
Supports vacuum level of 29.8″ Hg and more (> 756 millimeter of Mercury)
Two vacuum valves mounted to top, 3/8" ID barbed fittings

Accessories:

•Vacuum Gauge 0-30 in. Hg •Perforated Acrylic Shelf •Two-stage Rotary Vacuum Pump 6 CFM •Vacuum rated PVC Tube •Vacuum Control Unit.

**Cleatech® Vacuum Pump Control Unit, desk top, monitors the vacuum level and automatically controls pump operation by turning the pump on/off and opening/closing an in-line solenoid valve to maintain a preset vacuum level (to 29.5" Hg) in a remote vacuum chamber. Available in 120VAC and 240VAC*

CLEATECH®
Cleanroom & Laboratory Solutions

Custom Mobile Desiccator Cart with Kitting Storage

- Dimensions 35”W x 16”Dx 60”H (including stand & Rail)
- Clear Acrylic Construction
- Powder coated steel mobile stand
- Includes a four-chamber Desiccator Cabinet
- Plenum chamber for nitrogen purging on desiccators
- Wire racks and adjustable height shelving for desiccators
- Include All polypropylene chemical storage cabinet
- Includes five sliding drawers with optional part divider
- Stainless steel guard rail on top of cabinet for additional storage
- Optional Cam lock for each desiccator chamber
- Optional Digital Hygrometer for RH% monitoring

Custom Desiccator Cart with Sliding drawer

- Custom mobile Kitting cabinet 48” Wx16”Dx 45”H
- Clear Acrylic Construction
- Includes a four-chamber Desiccator Cabinet
- Plenum chamber for nitrogen purging on desiccators
- Wire racks and adjustable height shelving for desiccators
- Includes Seven sliding drawers
- Powder coated steel stand with both caster and leveling mount. (level mount can be raised to clear the caster off the floor)
- ½” thick Top surface for installing optical breadboard

Extra Large Vacuum Desiccator Cabinet

- 1” thick clear acrylic construction
- Two front hinged doors open side by side
- Two permanent shelving
- Inside dimensions 39 3/8” W x 15 ¾” Dx 24” H
- Vacuum Gauge 0 to 30 In.Hg
- Two valves with 3/8” ID barbed fittings
- Support minimum vacuum level of 29” Hg.
- Available with Optional vacuum pump and automatic vacuum controller

Custom Multi-Chamber Small part Desiccator

- Stackable modules
- 3/8” thick clear acrylic construction
- Small isolated compartments with flush opening
- Compartments with Individual door to minimize exposure and fast recovery
- Face-mount lever latch
- Airtight door sealing
- Optional inert gas ports

CLEATECH®
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Automatic Purge Control Units with RH Sensor

Automatic purge control units (Humodule™) work with inert gas such as Nitrogen, Argon or Clean Dry Air (CDA) Source. They are designed to automatically control purge system to maintain desired low relative humidity.

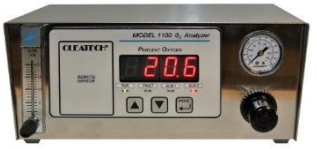
SKU	Descriptions	Price
A21-HM-HDS	PCU Type S, Single Purge, audio Alarm, One Humidity Sensor	$1,450
A21-HM-HDD*	PCU Type D, Double Purge, audio Alarm, One Humidity Sensor	$1,485
A21-HM-H2	2-Channel Dehumidification Unit, with two RH Sensors	$1,995
A21-HM-H3	3-Channel Dehumidification Unit, with three RH Sensors	$2,390
A21-HM-H4	4-Channel Dehumidification Unit, with four RH Sensors	$2,995
A21-HM-C	Humidification & Dehumidification Purge Unit, One RH Sensor	RFQ

Type S: It's a single purge unit, The Nitrogen flow is stopped by a solenoid valve, when the humidity is lower than set point.

Type D: It is a dual purge unit. The system provides low purge (2-20 Cubic feet per hour) inert gas maintaining positive pressure inside the enclosure.

Automatic Purge Control Units with O2 Sensor (Oxygen Analyzer)

Cleatech Oxygen Analyzer works with inert gas such as Nitrogen and Argon. The system monitors the O2 level 0 to 100 and it's able to maintain the O2 level inside the enclosure on the desired set point level.



SKU	Descriptions	Price
A21-HM-OA	Automatic Purge Control Unit with O2 Sensor	$2,750

Features: 0 to 100% Oxygen level reading range, including external model CAG-250E sensor, Stainless Steel enclosure, Bench-top, Alarm Output, RS 232 Service port.

Oxygen Monitor

Economical instruments for monitoring & measuring Oxygen Level

SKU	Descriptions	Price
A21-MT-OMB	Oxygen Monitor Portable, 0-100% (< +2%) with Sensor, 3V	$525
A21-MT-OM	Oxygen Monitor, 0-100% (< +1%) with Sensor, 120/230V	$1,380
A21-MT-OMP	Oxygen Monitor Compact, 0-100% (< +2%) with Sensor, 3V	$350

Nitrogen Generators

Membrane Nitrogen Generators which eliminate the inconvenience and the high costs of nitrogen cylinders. Membrane Nitrogen Generators produce up to 99.5% pure commercially sterile nitrogen at dew points to -58°F (-50°C) from a compressed air supply. They require source of dry compressed air.

SKU	Descriptions	Price
1700-1-A	Membrane Nitrogen generator, HFX-1, 11 SCFH @ 99% Pure	$6,033
1700-1-B	Membrane Nitrogen generator, HFX-3, 42 SCFH @ 99% Pure	$10,057
1700-1-C	Membrane Nitrogen generator, HFX-5, 76 SCFH @ 99% Pure	$14,856

Accessories: • Filter Maintenance Kits

Useful Resources and Links

www.Cleatech.com

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Bio-Tech / Research / Healthcare / Nano-Tech / Electronics / Aerospace / Forensics

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