

# OVERSIZED CLOUD CHAMBERS

## PRODUCT SPECIFICATIONS AND PRICES

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### Portable Cloud Chambers:

**LHC-DC:** Lecture Hall Cloud Chamber, dry ice cooled.....\$1795.  
Includes insulated leveling base, removable glass top, source port, projection electrode and informative manual.

Fiducial marks are standard. 50 x 50 cm sensitive area

**CRC-DC:** Classroom Cloud Chamber, dry ice cooled.....\$995.  
Includes insulated leveling base, removable glass top, source port, projection electrode and informative manual.

Fiducial marks are available upon request. 25 x 25 cm sensitive area

### Optional Accessories (See [Brochure](#) for Descriptions):

**DLS-HVS:** Dedicated Light Source and +3 kV High Voltage Supply for corona or projection field.....\$995.

**LN2-LHC:** Liquid Nitrogen Cooling Tray for Lecture Hall Cloud Chamber.....\$195.

**LN2-CRC:** Liquid Nitrogen Cooling Tray for Classroom Cloud Chamber.....\$55.

**CE-SHV:** Corona Electrode w/ SHV jack.....\$95.

**REM-8CM:** Rare Earth Magnet, 76 mm diameter x 10 mm thick.....\$165.

**SCM-18P:** Spare Cloud Chamber Manual, 18 pages.....\$15.

**AFR-4OZ:** Anti-Fog Compound Refill, 4 ounces.....\$15.

**APS-NTH:** Alpha Particle Source,\* 2% alloy natural thorium, 3/8 inch holder.....\$35.

**BPS-C14:** Beta Particle Source\* , 156 keV Max. (10 microcurie carbon-14).....\$195.

**GRS-CS137:** Gamma Ray Source\* , 662 keV (5 microcurie cesium-137).....\$165.

**XRS-FE55:** X-ray Source\* , 5.9 keV K-shell capture (100 microcurie iron-55).....\$295.

**CWS-PC:** Detector simulation software,\*\* PC version, single seat.....\$95.

**CWS-MAC:** Detector simulation software,\*\* MAC version, single seat.....\$95.

### Complete Experiment Packages:

Please specify PC or MAC operating system.

**LHC-CEP:** Lecture Hall Cloud Chamber, with one of each from above accessories.....\$3995.

**CRC-CEP:** Classroom Cloud Chamber, with one of each from above accessories.....\$2995.

### Museum Cloud Chambers:

Mechanically refrigerated, timer controlled, floor mounted displays include light source, heater, projection field, and ambient light shield. Power consumption is less than 15A at 115VAC.

Optional features are available upon request.

**MCC-50:** Museum Cloud Chamber, 50 x 50 cm sensitive area.....\$48000.

1000 LB shipping weight, cabinet dimensions 32"W 60"L 70"H

**MCC-100:** Museum Cloud Chamber, 100 x 50 cm sensitive area.....\$60000.

1400 LB shipping weight, cabinet dimensions 32"W 72"L 70"H

### Museum Cloud Chamber Special Terms:

Availability: 9 to 12 months, A.R.O. Shipping: FOB, Madison, WI. Payment: 50% advance, balance net 30 days.

### Standard Terms, Unless Noted:

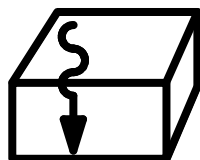
Payment: Visa/MC accepted, or 30 days net for established institutions. Advance payment required outside USA, proforma invoice available. Shipping: F.O.B. Madison, WI Availability: 2 to 4 weeks, A.R.O.

\* Sources provided as a convenience to US cloud chamber customers; exemption from NRC license requirements per 10CFR parts 30.18 or 40.13.

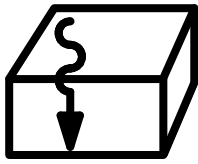
\*\* Onscreen Particle Physics, licensed from Onscreen Science, Inc; site license available. (price upon request)

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**SUPERSATURATED  
ENVIRONMENTS™**  
A Division of Reflection Imaging, Inc.



# SUPERSATURATED ENVIRONMENTS™

A Division of Reflection Imaging, Inc.

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Supersaturated Environments' Cloud Chambers are very reliable. Below is a list of early adopters who purchased their chambers prior to 2002. Most remain in service to this day. We invite you to join the growing list of educators using our unique demonstration apparatus.

Abilene Christian College	Richardson Independent School District
Adler Planetarium	Rochester University
Allegheny College	Royal Holloway College
Augustana College	Rutgers - The State University of NJ
Baldwin Wallace College	Saint John's College
Big Bend Community College	San Diego State University
Boeing Corporation	Sandia National Labs
Bowdoin College	Santa Fe Preparatory School
Brophy College Preparatory	Scitech
California Polytechnic - Pomona	Siena College
Catholic University of America	Southern Methodist University
College of Wooster	Stanford Linear Accelerator Center
Colorado Mountain College	Syracuse University
Columbia University	Tacoma Community College
Dartmouth College	Tarleton State University
Fermilab	The Chinese University of Hong Kong
Forschungszentrum Julich, GmbH	The Science Place
Fort McClellan College	Trinity College
Gettysburg College	Union College
Grand Rapids Community College	Universita Degli Studi Di Pavia
Harold Washington College	University Ana G. Mendez
Harvard University Science Center	University of California - Davis
Hastings College	University of California - Los Angeles
Hope College	University of Chicago
Illinois Department of Nuclear Safety	University of Cincinnati
Indiana University	University of Colorado
Johns Hopkins University	University of Durham
Kent State	University of Illinois, Urbana
Kenyon College	University of Maryland
King College	University of Massachusetts - Boston
Lafayette College	University of Missouri-Columbia
Lawrence University	University of North Carolina - Pembroke
Loma Linda University	University of Northern Colorado
Los Alamos National Laboratory	University of North Texas
Loyola University of Chicago	University of Notre Dame
M.D. Anderson Cancer Center	University of Oklahoma
Marshall University	University of Oslo
McPherson College	University of Pittsburgh
Michigan State University	University of Rome
Moraine Valley Community College	University of South Florida
Nat. Inst. Environmental & Health Science	University of Stellenbosch
Naval Postgraduate School	University of Wisconsin - Green Bay
Norfolk State University	University of Wisconsin - Rock County
North Carolina School of Sci. & Math.	University of Wisconsin-Milwaukee
Northern Arizona University	University of Wollongong
Norwalk Community College	West Valley Nuclear Services
Omaha Public Power District	West Virginia University
Oral Roberts University	Westchester University
Pomona College	William's College
Purdue University	Yosemite Community College District