

FREE



Lighthouse Academy: Introduction to Headspace Analysis

Hosted by Lighthouse Instruments



Join us at one of our one-day seminars designed for pharmaceutical industry professionals. The session will cover topics such as container closure integrity, oxygen monitoring for oxygen-sensitive pharmaceuticals, media fill inspection, deep cold storage container closure integrity (CCI), and moisture analysis. Enhance your expertise in headspace analysis with practical insights and hands-on demonstrations.

LOCATIONS



Philadelphia, Pennsylvania August 14

Simeone Foundation Automotive Museum
6825 Norwitch Drive
Philadelphia, PA 19153

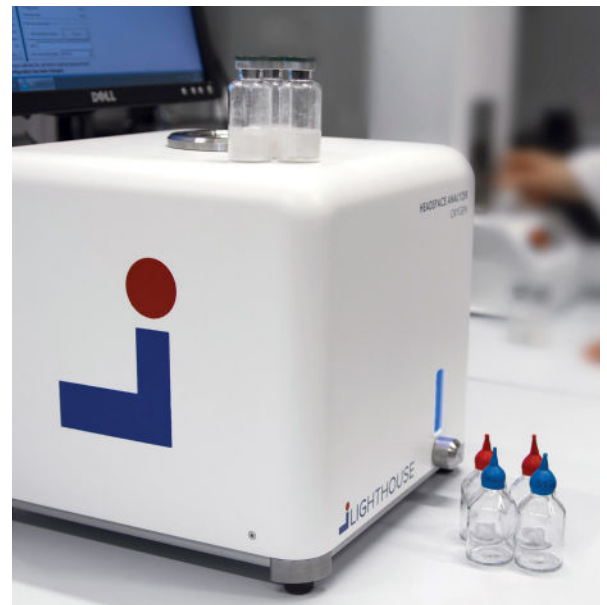


San Francisco Bay Area, California September 12

Hiller Aviation Museum
601 Skyway Rd.
San Carlos, CA 94070

UPCOMING

Cambridge, Massachusetts
October TBD



REGISTRATION INFORMATION

Cost: There is no fee for these seminars

Includes: Workshop materials, boxed lunch, and instructions

Registration Deadline: One week before the workshop

To Register: Use the QR codes above or go to: [Lighthouse Academy \(PA\)](#) or [Lighthouse Academy \(CA\)](#)

Note: Limited seats are available, early registration is recommended.

Elevate your pharmaceutical analysis skills with expert guidance from Lighthouse Instruments.

We look forward to seeing you there!

SAMPLE AGENDA*	
9:00–10:00	Registration
10:00–11:00	<ul style="list-style-type: none"> • Container Closure Integrity • Introduction to CCI testing • Case studies and practical examples • Hands-on demonstraton
11:00–11:15	Break
11:15–12:00	<ul style="list-style-type: none"> • Oxygen Monitoring for Oxygen-Sensitive Products • Overview of oxygen headspace analysis • Nitrogen purge optimization case study • Hands-on demonstraton
12:00–1:00	Boxed lunches Assorted sandwiches and beverages Networking opportunity
1:00–1:45	<ul style="list-style-type: none"> • Moisture Analysis using Headspace • Overview of moisture analysis • Determining correlation to cake moisture • Hands-on demonstraton
1:45–3:00	<ul style="list-style-type: none"> • Media Fill Analysis • Overview of media fill inspection • Case studies and feasibility data review • Hands-on demonstraton

Speaker Biographies



Tom Millner

Tom Millner is the VP of Sales for North America at Lighthouse Instruments. Tom has been at Lighthouse since 2011 and has worked in a variety of roles, including quality assurance, technical services, and in the application laboratory. Tom is responsible for the Lighthouse sales team in North America.



Jay Rowden

Jay Rowden, a seasoned professional with over 20 years of experience in analytical instrumentation, joined Lighthouse in 2018 as a technical account manager. With an MBA and an undergraduate degree in cellular and molecular biology, Jay excels in guiding customers across the US and Canada to optimal solutions for their headspace testing requirements.