

STYL'One Nano Compaction Simulator

Training Program



COURSE OVERVIEW

Leveraging the Full Capability of the STYL'One Nano Compaction Simulator

This 2-day program, conducted at the KORSCH INNOVATION CENTER, incorporates classroom concepts, hands-on instruction, and interactive workshops to provide a comprehensive overview of the extensive capability of the STYL'One Nano Compaction Simulator. The small class size, limited to just four (4) participants, ensures maximum hands-on exposure in an interactive setting. With a focus on USP 1062 and material sparing methodologies to streamline material characterization and product development, the course will provide meaningful insights to both experienced and novice users of the STYL'One Nano technology.

Course Summary

Classroom Instruction

- Fundamentals of Tablet Compression
- Compaction Simulator Theory and Design
- Tablet Press Instrumentation
- Excipients and APIs
- Energy and Heckel Analysis
- USP 1062: Compactibility, Compressibility, and Tableability
- Compression Analysis

Hands-On Workshops

- General Machine Operation
- Tooling Considerations
- Material Sparing Methodology
- Single-Layer Tablet Compression
- Energy and Heckel Analysis
- USP 1062: Compactibility, Compressibility, and Tableability
- Streamlined Material Characterization
- Scale-Up Considerations



COURSE AGENDA

DAY ONE

Time	Training Session	Training Venue
9:00AM	Welcome and Introductions	
9:15AM	Fundamentals of Tablet Compression	Classroom
11:00AM	Introduction to the STYL'One Nano	Laboratory
12:00PM	Lunch	
1:00PM	Introduction to Alix Software Platform	Laboratory
2:00PM	Tablet Production and Output Files	Laboratory
3:00PM	Hands-On Practice and Review	Laboratory
4:00PM	Questions and Answers	

DAY TWO

Time	Training Session	Training Venue
9:00AM	Key Concepts of Material Characterization	Classroom
10:00AM	Filling Adjustment to Ensure Consistent Die Fill	Laboratory
11:00AM	Over Lubrication	Laboratory
12:00PM	Lunch	
1:00PM	Material Characterization – USP 1062	Laboratory
3:00PM	Mystery Material Characterization	Laboratory
4:00PM	Questions and Answers	

COURSE INFORMATION

Registration Information

The course fee is \$1,995 per person which includes the training support documents, lunch and refreshments, evening reception, and certificate of completion.

Attendance must be canceled at least 10 business days in advance to receive a full refund. Substitutions are permitted at any time prior to the training event.

Confirmation of registration and additional details regarding the training program will be provided via email.

REGISTER NOW!

About the Instructor

Dr. James Stephens, the KORSCH America INNOVATION CENTER Manager, brings over two decades of materials research and industry experience to the KORSCH team in Boston. His expertise spans plastic injection molding, non-destructive testing instrumentation, and materials characterization. James has also made notable contributions in ultrasonic characterization of pharmaceutical tablet compaction, as well as the development of naturally derived lubricants, cleaners, and specialty synthetic ester and surfactant applications. With a Ph.D. in mechanical engineering and a focus on material science, James has worked extensively with STYL'One compaction simulator technology, and he joins our global team of process specialists. He has published 12 peer-reviewed journal articles, collaborates with universities and industrial partners, and specializes in training KORSCH customers in the intricacies of tablet compaction and solid dosage manufacturing.

Travel Information

KORSCH America is located in South Easton, MA, located approximately 26 miles from Boston Logan Airport (BOS) and approximately 40 miles from Providence T.F. Green Airport (PVD).

KORSCH has secured discounted rates for our guests at Hyatt Place Boston/Braintree (use code CR# 1006905 when booking for a special rate).

For More Information

For more details and any questions please contact:

Greta Heath
Marketing Manager
KORSCH America Inc.
gheath@korschamerica.com
(774) 250-5451