

The LCI Test Center

LCI
Part of the Nederman Group

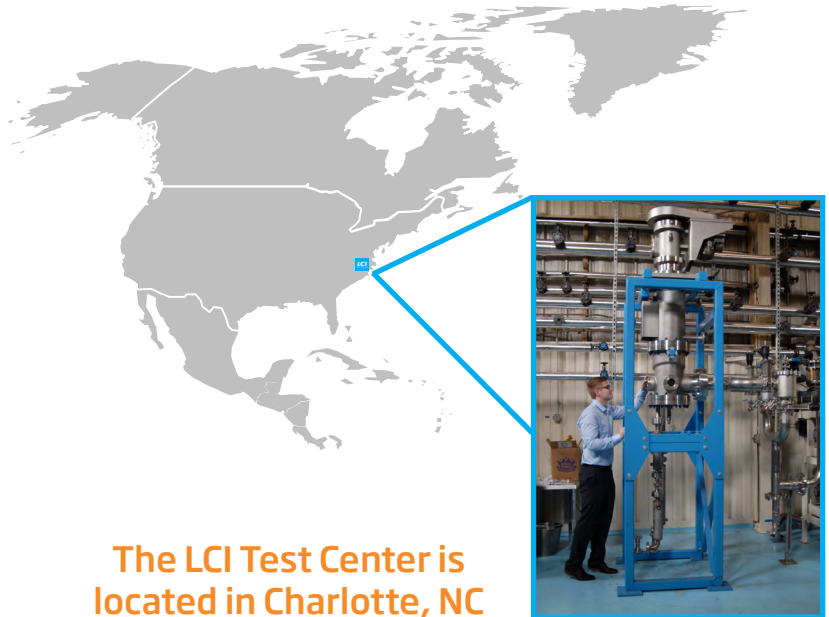
Thin Film Evaporation Product Development & Scale Up

LCI's Test Center is the most comprehensive thin film development facility in the industry.

It is expertly staffed and equipped for process development work using LCI agitated thin film evaporation technology (evaporation, reaction, devolatilization, etc.).

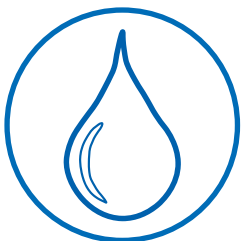
Our team of evaporation experts provide testing, design, and feasibility samples for your challenging thermal separation process according to your stringent process requirements.

Find confidence in your processing solution at the LCI Test Center.

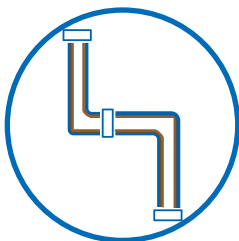


The LCI Test Center is located in Charlotte, NC

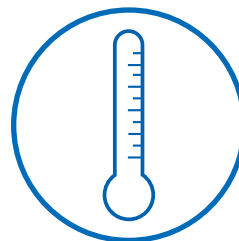
Evaporation Solutions For Your Most Challenging Applications:



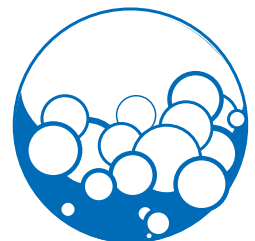
**Viscous
Products**



**Fouling
Tendencies**



**Heat
Sensitivity**



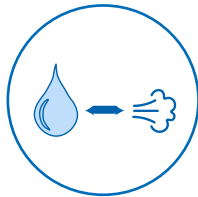
Foaming

LCI Corporation - 4433 Chesapeake Drive, Charlotte, NC 28213 - +1 704 286 1119 - www.lcicorp.com

LCI Thin Film Technology for:



Evaporation



Devolatilization



Reaction



Purification



The LCI Test Center has a wide variety of Thin Film Technology to test your challenging applications.

LCI Test Center Capabilities

- Thin film evaporators ranging in size from 0.25 - 5.4 ft² of surface area
- Various rotor designs that allow for processing materials from **1 - 15,000,000 cp**
- In-depth experience with flammable and other hazardous materials
- Hot oil systems provide heating temperature up to 750 °F
- Vacuum systems provide operating pressures down to **<1 mm Hg absolute**
- Reactor vessels / tanks from 60 - 250 gallons
- Lab space for setting up special analytical procedures
- Flexibility for setting up special equipment and set up tailored systems
- Flexibility to process market development quantities of product
- **Explosion-proof** electricals (Class 1, Group C, Division 1)
- Steam heating system providing 200 psig steam