Lonza Engine™
Accelerate Innovation

CFS 1200™
Capsule Filling and Sealing machine
Realize the potential of lipid-based formulations for poorly soluble compounds and achieve Faster Time to 'First in Man'

Our offer
- Lab-scale capsule liquid filling and sealing machine, combined in one piece of equipment
- Enables tamper-proof, solid or liquid-filled capsule dosage forms
- Nominal throughput of 1,200 filled and sealed capsules per hour
- Designed for ease-of-use and high reliability, with the ability to quickly clean and change capsule sizes with available change parts
- Product integrity ensured with gentle handling of capsules before sealing and during the drying cycle.
- A robust filling pump with accurate temperature control.
- Improved capsule manipulation before sealing and during drying using a 'cap-edge' handling system. This allows minimal contact of sealing fluid with capsule outside wall, and facilitates improved delivery of sealing fluid to the capsule.
- Improved design of filling and sealing process ensuring better control and cleanliness.

Features and Benefits
- Provides consistency and reliability
- Provides protection against product oxidation in the capsule and filling tank
- Easy to dismantle and to clean
- A full range of CFS accessories, parts and spares are available upon request.

LEMS® (Liquid Encapsulation Microspray Sealing) proprietary technology

Scale Up Solution
The CFS 1200™ sealing system is also scalable to commercial levels using the LEMS® 70 system.
- The cost-effective way to handle in-house production for Capsule® Licaps® Drug Delivery System (Licaps® capsules and LEMS® technology)
- Seals up to 55,000 capsules per hour
- Totally enclosed working area to prevent contamination
- GMP compliant

Technical Support and Service
Lonza’s experienced service and support team will provide installation, validation packages, and on-site training as requested. Also available are ongoing support and preventative maintenance agreements to keep your Lonza Engine™ equipment operating at optimal efficiency. For more information on services by our dedicated team of engineers and technicians contact your Lonza sales representative or visit www.lonzagroups.com.

CFS 1500™
Lab scale automated capsule liquid filling and sealing machine, combined in one piece of equipment with a nominal throughput of 1,500 filled and sealed capsules per hour.
To order now or to obtain more information about the equipment:
Visit: www.capsugel.com
Email: solutions.emea@lonza.com / solutions@lonza.com
Call: +33 3 89 20 57 25 / 800-845-6973
Or contact your Lonza representative

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