

**AUTOMATIC
LIQUID FILLING
IN HARD GELATIN
CAPSULES
FLUIDOCAP SERIES**



This unique series of easy-to operate fully automatic machines is designed to fill two-piece hard gelatin capsules with liquid. Available with outputs ranging from 20,000-70,000 capsules/h, the machines are ideal for filling hard gelatin capsules with liquids having a range of characteristics, including free-flowing liquids, pastes, suspensions, thixotropics, and hot melts. The machines are equipped with mechanisms to handle formulations with varied viscosities (10-80,000 cps).



These systems feature:

- “No-capsule-no-fill” sensors to reduce wastage of formulations
- Seal-free dosing blocks
- Formulation temperature control
- Nitrogen or inert gas purging for oxygen-sensitive formulations
- Combination filling provisions
- Industrial PC interface

Ensure Smooth Encapsulation with Liquid-filled Capsules

ACGcaps™ GL/HL - Superior Liquid Encapsulation in Gelatin and HPMC

Features

Ideal choice for filling liquids, semi-liquids, pastes, hot-melts, and combination fills

- Specially designed for the secure encapsulation of liquids

Enhanced brand identity enabling product line extension

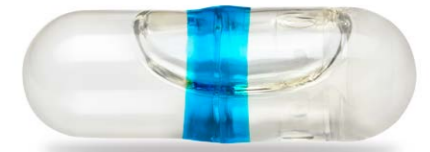
- Distinct, attractive appearance. Printing on the capsules is possible

Effective taste- and odor-masking of formulations

- Secure band sealing of the capsules after encapsulation

No risk of de-coloration

- No plasticizer is used in the capsule shell



R&D-scale Semi-automatic Liquid-Filling Machine

Fluidocap 1000

- Compact filling and sealing equipment
- Can handle formulations with viscosities ranging from 80-80,000 cps
- Can be used to fill a large variety of capsules with sizes ranging from 00-4
- Output: 1000 capsules/h



Production-scale Automatic Filling Machine

Fluidocap F40 and Fluidocap F70

- Can handle formulations with viscosity ranging from 10-80,000 cps
- Can be used to fill a large variety of capsules with sizes ranging from 00-4
- Output:
40,000 capsules/h (Fluidocap F40)
70,000 capsules/h (Fluidocap F70)



Band Sealing Machine

Proseal (Fluidocap Sealing)

- Ideal for sealing capsules filled with liquids, semi-solids, pastes, thixotropics, powders, pellets, tablets, micro-tablets, and mini capsules
- Changeover time of as little as 260 min
- Equipped with a highly efficient three-drum capsule loading and orientation system
- Output: up to 70,000 capsules/h



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