

Specifications

Accelerated phase separation	6–2300 times compared to gravity
Consolidation measurements	concentrated dispersions and sediments
Observation time	1 s to 99 h
Conformity	ISO/TR 13097; ISO/TR 18811; ISO 18747-1, CFR 21 Part 11

Samples	suspensions, emulsions, suspo-emulsions, sludges, slurries
Channels	up to 8 simultaneously
Volume	0.05 ml to 2.0 ml
Concentration	0.00015 Vol% - 90 Vol%
Density	up to 22 g/cm ³
Viscosity	0.8–10 ⁸ mPas

Light source	NIR, special versions
Temperature control	4 °C to 60 °C, +/- 1K
Cells	different material and optical path
Dimensions (WxHxD), weight	37 x 27 x 60 cm ³ , 40 kg
Power supply	100 V, 230 V; 50/60Hz



Version	Temperature control
LF 110	4 °C - 40 °C
LF 111	4 °C - 60 °C

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