



The NEXT STEP[®] in Dispersion Analysis



Separation Analyser

LUMiReader[®]

**Going places the naked eye
never could.**

Stability | Shelf Life | Creaming | Flocculation | Coalescence

Specifications

Accelerated phase separation	up to 10 times at gravity
Test time reduction through sensitivity	up to 250 times
Particle size distribution	500 nm to 300 µm
Observation time	0.5 s to unlimited
Conformity	ISO/TR 13097; ISO 13317; CFR 21 Part 11

Samples	up to 3 simultaneously
Volume	0.5 ml to 4.0 ml
Concentration	0.00015 Vol%–75 Vol%
Density	up to 22 g/cm ³
Particle size	200 nm to 2000 µm

Light source	multi-wavelength
Temperature control	ambient +3 °C to 60 °C, +/- 1K
Tilt	vertical to 5°, 10°, 15°, 20°, 25°, 30°
Cells	different material and optical path
Dimensions (WxHxD)	47 x 24 x 44 cm (3-channel) 29 x 24 x 44 cm (single channel)
Weight	15 kg (3-channel) / 11 kg (single channel)
Power supply	24 V, Adapter (100 V to 240 V) included



Versions	Channels
LR 413-1	1
LR 413-3	3

LUM GmbH, Berlin, Germany

Phone: +49 30 6780 60 30

E-Mail: info@lum-gmbh.de

Web: www.lum-gmbh.com

www.LUMiReader.com

www.dispersion-letters.com

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