

# Advanced live cell imaging system, optimized for your research

CURIOSIS



## Celloger<sup>®</sup> M22

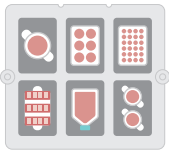
Dual-vessel live cell imaging for side-by-side comparison

## Celloger<sup>®</sup> M26

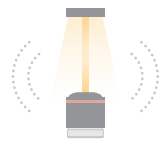
High-throughput multi-vessel screening



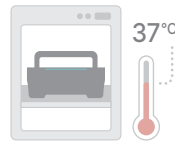
### Key Features



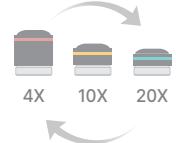
Parallel imaging of multiple vessels



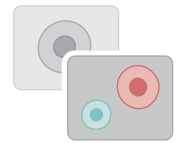
Enhanced imaging performance



Temperature-stable operation



Interchangeable objective lens

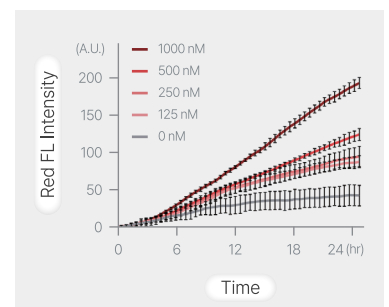
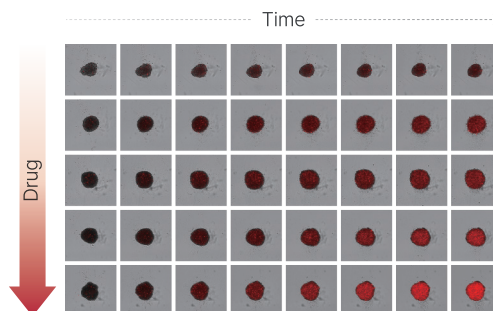


Dual fluorescence & brightfield

### Innovation Highlights 1

## High-throughput multi-vessel imaging

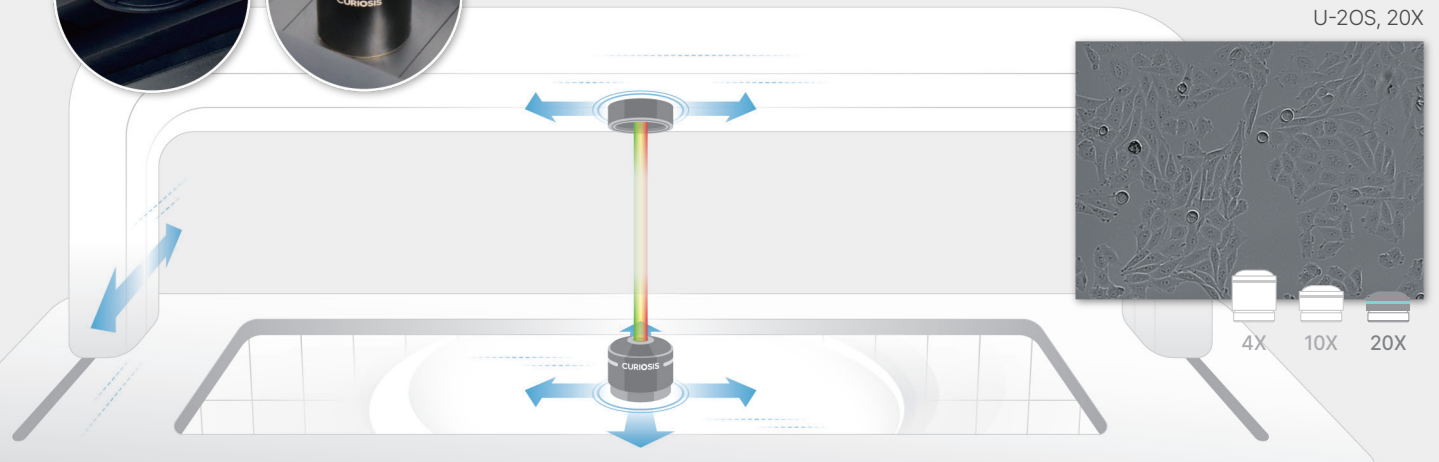
Capture multiple vessels simultaneously in a single run for reliable, high-throughput comparisons across wells and time points.



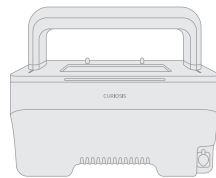
U-2OS spheroids were treated with staurosporine (0–1000 nM) to induce cytotoxicity. After adding EthD-1 (4  $\mu$ M, red), time-lapse imaging began immediately on the Celloger<sup>®</sup> M26 at 30-min intervals, and red fluorescence intensity was quantified over time.

# Synchronized illumination system

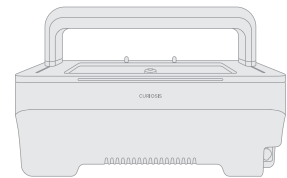
A single lamp moves with the objective to keep the lamp-sample-lens aligned at every imaging position. This ensures stable illumination and delivers clean, consistent brightfield images across the entire scan area.



## Specification



**Celloger® M22**



**Celloger® M26**

Dimensions (WxDxH)	380 × 303 × 313 mm	485 × 440 × 313 mm
Weight	11.02 kg	14.44 kg
Vessel capacity	up to 2 vessels	up to 6 vessels
Field of view	4X : 2.0 × 1.5 mm / 10X : 0.9 × 0.6 mm / 20X : 0.5 × 0.4 mm	
Imaging modes	Brightfield, Dual fluorescence - Green (EX: 470/20, EM: 540/50), Red (EX: 562/40, EM: 641/75)	
Magnification	4X / 10X / 20X (interchangeable)	
Imaging positions	Multiple	
Culture vessels	Well plate up to 96-well, flask, dish, slide	
Operating environment	10-40°C temperature, 20-95% humidity	
File export format	TIFF, AVI, CSV, PNG (Chart)	
Incubator requirements	Above 170 L (recommended)	Above 230 L (recommended)
O/S required	Windows 10 and above	
Software functionalities	Real-time recording, time-lapse video, autofocusing, cell confluency, automated cell counting (FL), Z-stacking/projection, stitching, deconvolution, spheroid/organoid analysis, dual screen analysis	

**Elliot Scientific Ltd**  
 Unit 11 Sandridge Park, Porters Wood, St Albans, AL3 6PH, United Kingdom  
 Tel: +44 (0)1582 766300 Fax: +44 (0)1582 766340  
 www.elliotscientific.com sales@elliotscientific.com

**Curiosis Inc.**  
 +82 2 508 5237 | sales@curiosis.com | South Korea

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Specifications and features are subject to change without notice for product improvement.

