

GELCOUNT™

Taking the strain out of colony and spheroid counting

- A dedicated colony and spheroid counting and analysis platform
- Substantial throughput benefits versus manual microscope processing
- Objective, unbiased 'machine' image processing
- Direct exportation of numerical data to Excel®
- Offline image processing for maximum throughput and user convenience

Rationale

The colony / spheroid / organoid formation assay is the reference method for the quantification of anti-cancer regimes on mammalian cell viability *in vitro*. Yet manual processing of the resulting samples is laborious, time-limiting, and subjective. GelCount™ is an imager and software platform that automates the detection and analysis of colonies, spheroids, and organoids, while providing 'machine' level objectivity.

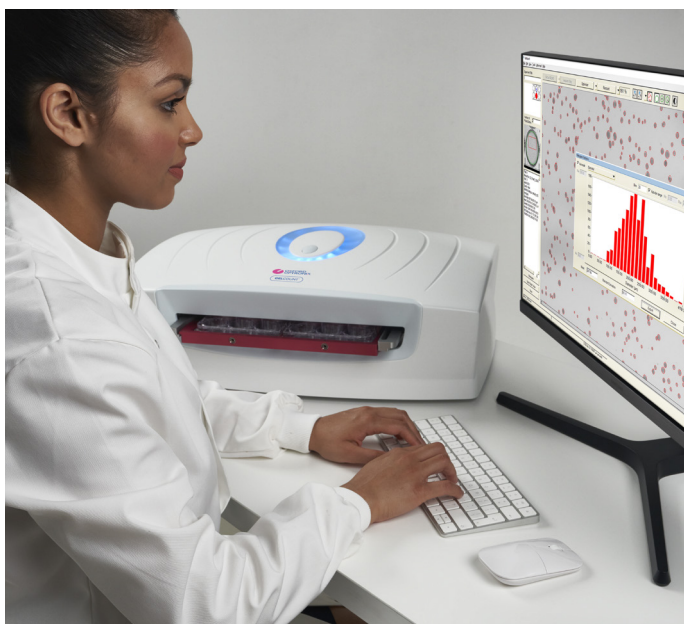


Gold standard

With a long-standing track record including 100's of peer-reviewed citations and a worldwide user-base, the GelCount has become the solution of choice for biologists employing the colony / spheroid / organoid formation assay.

An integrated platform

GelCount is an all-in-one, proprietary solution for imaging, counting, and characterizing mammalian cell colonies and spheroids on a single integrated hardware and software platform. Colony detection is driven by a powerful image processing algorithm allowing extensive optimization with numerical data exported directly to Excel®.



Versatile

Suitable for both adherent cell types and non-adherent cell types generating colonies, spheroids, and organoids in 3D media or suspension, the GelCount is compatible with multi-well plates, Petri dishes, and select T25 flasks.

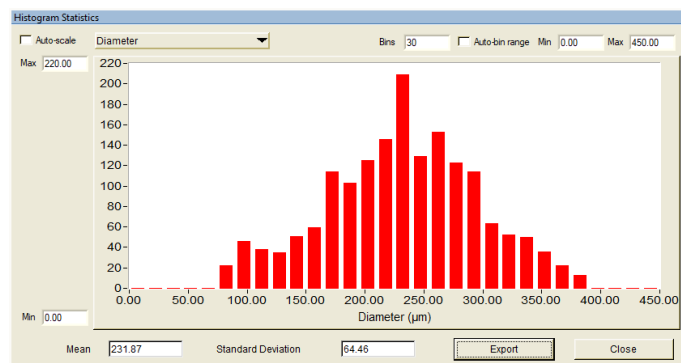


High throughput performance

Capable of processing four 6-well plates in less than 15 minutes, the GelCount utilizes single-pass line imaging to generate a high-definition on-screen view of entire wells and dishes, while resolving objects as small as 30µm in diameter at medium depths of up to 5mm.

The colony diameter advantage

GelCount automatically measures the size of all detected colonies / spheroids, providing the user with hitherto unavailable insight relating to cellular growth dynamics.



Offline image processing

The software can be installed on unlimited other workstations. In this way, images generated by GelCount can be stored, transferred, and analyzed 'offline' at the user's convenience without tying up the imager for other users.

Warranty

A 2-year comprehensive warranty covers defects in material or in workmanship with optional extended warranty and preventative servicing packages available.