

CytoSMART™ 2 System

Live Cell Imaging – The Smart Way

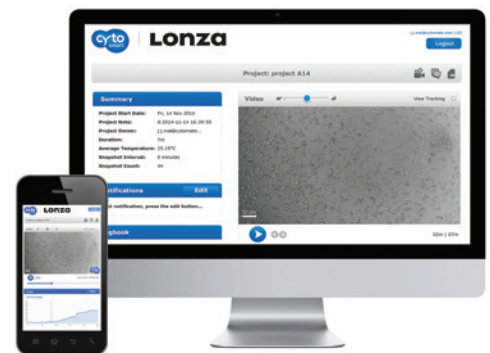


Small, Easy and Affordable

Sized and priced for virtually any lab, the CytoSMART™ 2 System has been developed for live cell imaging and cell culture monitoring. You can document and record your cell culture with the CytoSMART™ 2 Device and save your data as required – locally or in the Cloud. The innovative CytoSMART™ Cloud Technology enables you to view your cell culture anytime, anywhere on your smart phone, tablet or computer.

Benefit from:

- **Easy handling** – Set-up of system within minutes
- **Small size** – Easily fits in every incubator
- **Cloud technology** – Monitor your cell culture anywhere and anytime
- ★ **New** – **Wifi, LAN or offline operation** – Flexible data recording and storage for different network environments
- ★ **New** – **Improved optics** – Offers more cellular details and zoom-in option
- **Low cost** – A live cell imaging tool for small budgets



View your cell culture via cloud access on a smart phone, tablet, or computer.

Watch the latest CytoSMART™ Videos!

www.lonza.com/cytoSMART

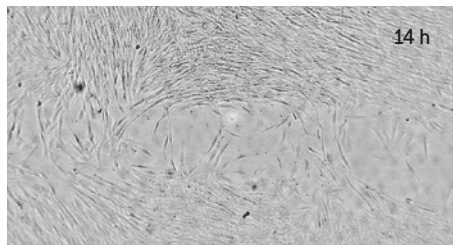
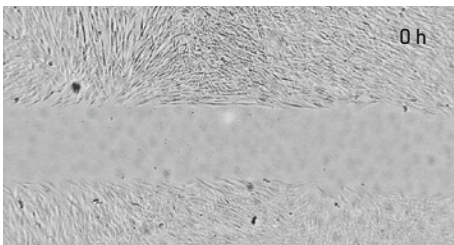


Your Cell Culture Is Just One Click Away

Setting up your CytoSMART™ 2 System requires minimal training and you'll be up and running in minutes. The CytoSMART™ 2 System consists of a mini-microscope roughly the size of a cell culture plate which fits into any incubator. This device is linked to an accompanying tablet which is fixed outside the incubator. Via this tablet you start your CytoSMART™ Projects and capture the images of your cell culture in defined intervals, which are then transmitted to the CytoSMART™ Connect Cloud. Images and time-lapse videos of your cell culture can easily be downloaded via the CytoSMART™ Connect Cloud as single images (.jpg files) or as movie files (.avi files).

Applications for the CytoSMART™ 2 System

- **Migration assays, e.g. scratch assays** – Automatic photo/video documentation
- **Stem cell culture documentation** – Remote monitoring under hypoxic cell culture and GMP conditions or of iPSC reprogramming
- **Cell culture standardization** – Automatic alerts for confluency, recording of cell growth curves and screening of culture media and growth factors



Images of scratch assay with Normal Human Dermal Fibroblasts – Neonatal (CC-2509) after 0 and 14 hours taken with CytoSMART™ 2 System.

Ordering Information

Cat. No.	Product Name	Product Description
AACS-1003	CytoSMART™ 2 System	Contains CytoSMART™ 2 Device, accompanying tablet and two-year free CytoSMART™ Connect Cloud access
AACS-1004	CytoSMART™ 2 FR System	Contains CytoSMART™ 2 Device, accompanying tablet and lifelong access to CytoSMART™ Connect Cloud

Contact your local representative for more information.

www.lonza.com

www.lonza.com/cytosmart

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