

## CytoSMART™ System

### Live Cell Imaging – The Smart Way



## Small, Easy and Affordable

Sized and priced for virtually any lab and budget, the new CytoSMART™ System has been developed for live cell imaging and monitoring. You can document and record your cell culture with the CytoSMART™ Device and monitor all data and experiments via innovative CytoSMART™ Cloud Technology. Meaning you can 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
- **Low cost** – The affordable live cell imaging tool for small budgets



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

Watch CytoSMART™ live in action!

[www.lonza.com/cytosmart](http://www.lonza.com/cytosmart)

[www.lonza.com/research](http://www.lonza.com/research)  
[www.lonza.com/cytosmart](http://www.lonza.com/cytosmart)

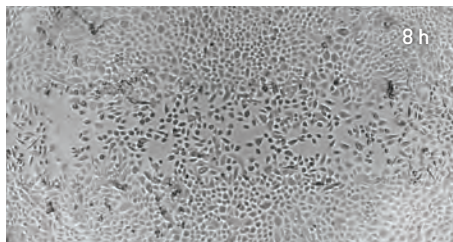
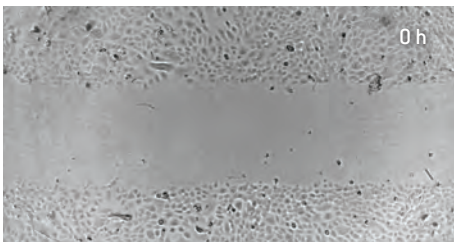


## Your Cell Culture Is Just One Click Away

Setting up your CytoSMART™ System requires minimal training and you'll be up and running in minutes. The CytoSMART™ 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™ 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 Epidermal Keratinocytes – Neonatal [CC-250?] after 0 and 8 hours taken with CytoSMART™ Lux 10X System.

## Ordering Information

Cat. No.	Product Name	Product Description
AACS-1001	CytoSMART™ Lux 10X System	Contains CytoSMART™ Lux 10X Device, accompanying tablet and two year free CytoSMART™ Connect Cloud access
AAK-2003	CytoSMART™ Flask Adaptor	Adaptor to allow viewing of T162 flasks
AAK-2004	CytoSMART™ Cell Counting Adaptor	Allows cell counting with a hemocytometer

Contact your local sales representative for more information.

## Contact Information

### North America

Customer Service: +1 800 638 8174 (toll free)  
order.us@lonza.com  
Scientific Support: +1 800 521 0390 (toll free)  
scientific.support@lonza.com

### Europe

Customer Service: +32 87 321 611  
order.europe@lonza.com  
Scientific Support: +32 87 321 611  
scientific.support.eu@lonza.com

### International

Contact your local Lonza distributor  
Customer Service: +1 301 898 7025  
Fax: +1 301 845 8291  
scientific.support@lonza.com

### International Offices

Australia	+61 3 9550 0883
Belgium	+32 87 321 611
Brazil	+55 11 2069 8800
France	0800 91 19 81 (toll free)
Germany	0800 182 52 87 (toll free)
India	+91 22 4342 4000
Japan	+81 3 6264 0660
Luxemburg	+32 87 321 611
Singapore	+65 6521 4379
The Netherlands	0800 022 4525 (toll free)
United Kingdom	0808 234 97 88 (toll free)

Lonza Cologne GmbH – 50829 Cologne Germany

For research use only. Not for use in diagnostic procedures.

All trademarks herein are marks of the Lonza Group Ltd or its affiliates. The information contained herein is believed to be correct and corresponds to the latest state of scientific and technical knowledge. However, no warranty is made, either expressed or implied, regarding its accuracy or the results to be obtained from the use of such information and no warranty is expressed or implied concerning the use of these products. The buyer assumes all risks of use and/or handling. Any user must make his own determination and satisfy himself that the products supplied by Lonza Group Ltd or its affiliates and the information and recommendations given by Lonza Group Ltd or its affiliates are (i) suitable for intended process or purpose, (ii) in compliance with environmental, health and safety regulations, and (iii) will not infringe any third party's intellectual property rights.

© Copyright 2015, Lonza Cologne GmbH. All rights reserved.  
CD-TS070 12/14