From Eye to Insight

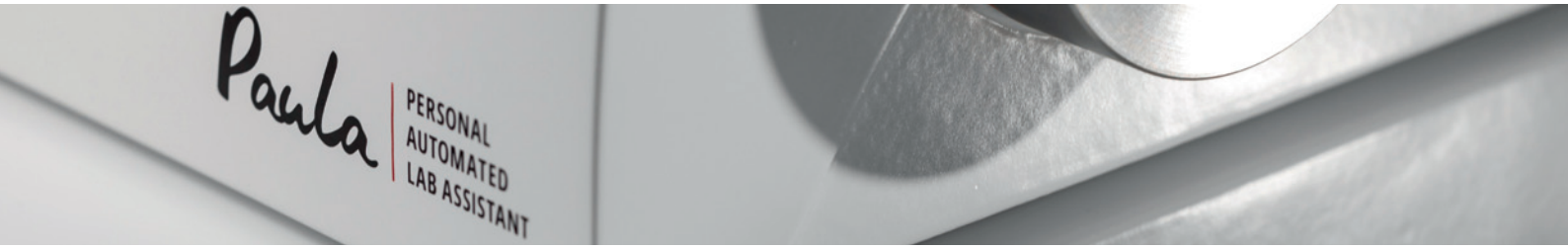
Leica
MICROSYSTEMS

PAULA, how are my cells today?

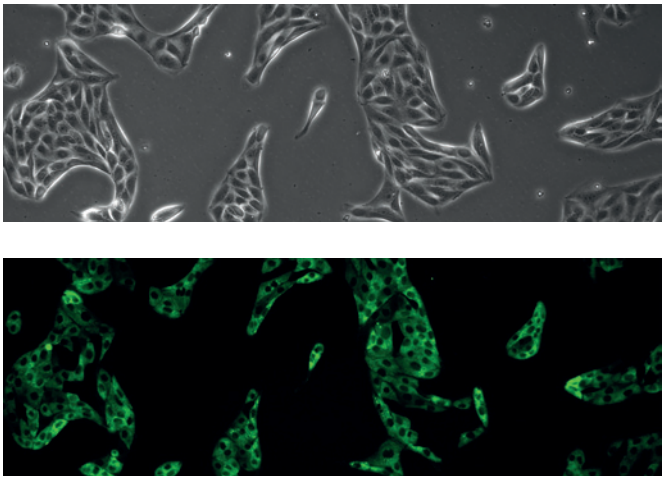
The world's first Personal Automated Lab Assistant

Remove the guesswork: Manage your cell cultures instead of just cultivating them.
PAULA (from Leica Microsystems) is the new digital imager designed to help you speed up your daily cell checks. It allows you to easily standardize your results to improve your downstream workflows.

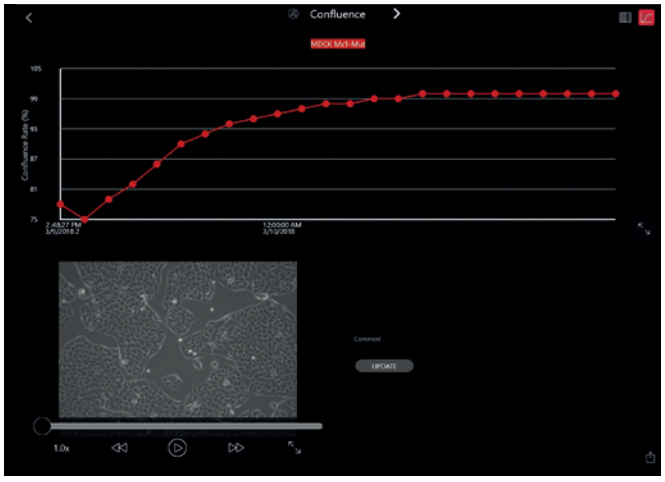
- Save time with reliable, up-to-date information about the current status of your cell line
- Benefit from precise calculated values rather than estimates with optional advanced cell-based assays
- Save time by automatically documenting your cell cultures instead of doing manual paperwork
- Check cell healthiness with phase contrast and monitor transfection with 2 fluorescence LEDs



PAULA, how are my cells today?



PAULA documents phase contrast/fluorescence images
MDCK Mx1-GFP, cells courtesy of Prof. Dr. Ralf Jacob, University of Marburg, Germany



Confluence check over time recorded by PAULA

PAULA takes away guesswork from your cell culture lab and replaces it by standardized management!

Technical Specifications

Contrasting methods	Phase contrast (adjustment-free) Fluorescence
LEDs	Red LED for phase contrast to protect cells from bleaching 2 fluorescence LEDs (red, green) to monitor transfection
Control unit	Tablet (Android, iPAD, Windows) and/or touch monitor
Barcode reader	Integrated in housing
Objective	10x with digital zoom (3x)
Apps	Confluence check, transfection efficiency, wound healing (more to come)
Temperature tolerance	PAULA can be placed inside a cell incubator (37°C, ~90% humidity)
Dimensions (Height x Width x Depth)	219 x 218 x 264 mm
Multiplexing	Combine up to 4 PAULA devices
Operation unit	NUC PC

IF YOU WANT
TO STAY
UP TO DATE,
CONTACT US

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