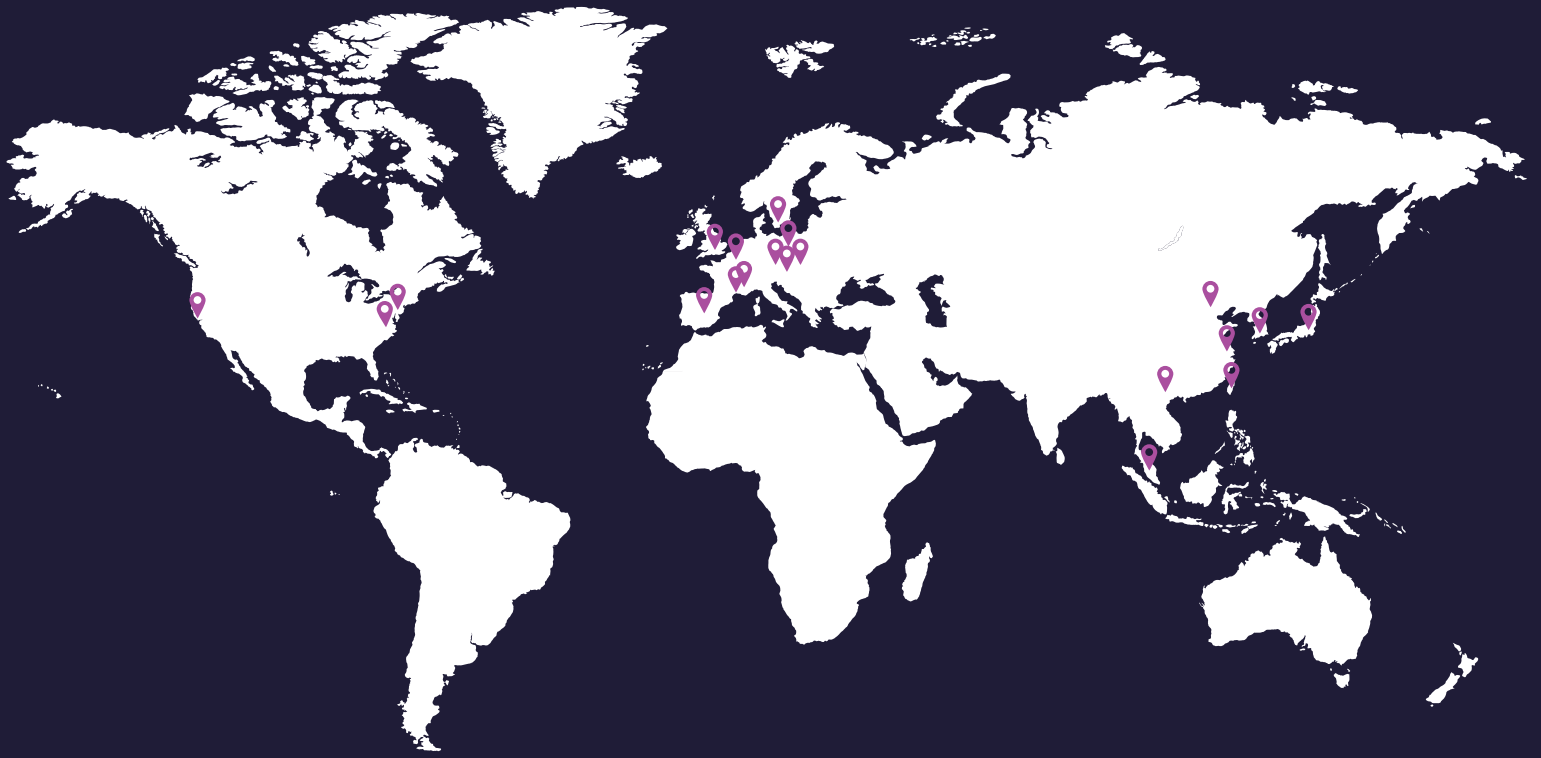


CYTONOTE

Live Cell Imaging System





 We are here

Discover our other range

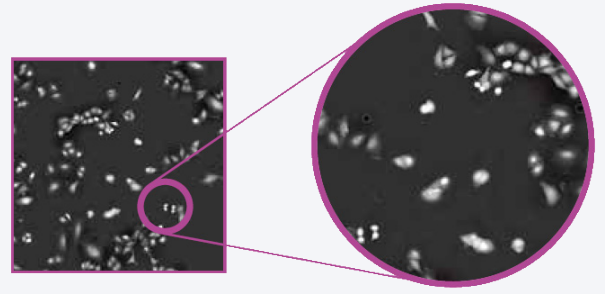
NORMA

**Automated Cell Counters &
Cell Viability Analyzers**



Our innovative instruments open new perspectives into Live Cell Imaging and Cell Kinetic Analysis. **IPRASENSE's** label-free time-lapse Imaging Technology offers a versatile solution for monitoring cell culture inside your incubator. The unmatched extra large field of view and the insensitivity to focus provide a robust real-time analysis of your adherent cells in any Petri dishes, T-Flask, slides or microchips.

The **CYTONOTE** product range is **the most simple live cell imaging system** designed for **recording cell movies** and **analyzing** variety of **cell culture** from inside the incubator. The innovative and patented «lensless imaging» technology pushes the boundaries of microscopy with its large wide **Field of View** and its capability to **capture** and **analyze precisely** several thousands of cells **without any focus** and **brightness settings**.



**LABEL FREE &
HIGH CONTRAST**



**ALWAYS
IN FOCUS**



**SETTINGS
FREE**



**HUGE FIELD
OF VIEW**

Adherent Cell Culture - Cell based Assays - Stem Cell Research - Drug Discovery - Cell Therapy

The **CYTONOTE** product range simplifies live cell imaging technique and transforms the complex and expensive microscope into a cost-effective solution.



CYTONOTE 1W

A small footprint device that stays always in focus with Petri dishes, T-flasks, slides or microfluidic chips



CYTONOTE 6W

Specifically designed for easy parallel monitoring of 6 well plate cultures



CYTONOTE SCAN

Designed for parallel cultures monitoring in multiwell plate

APPLICATIONS

- ✓ Cell proliferation
- ✓ Cell migration
- ✓ Cell morphology
- ✓ Scratch assay
- ✓ Cell tracking
- ✓ Cell tube formation

For research use only (RUO). Not for use in diagnostic procedures.

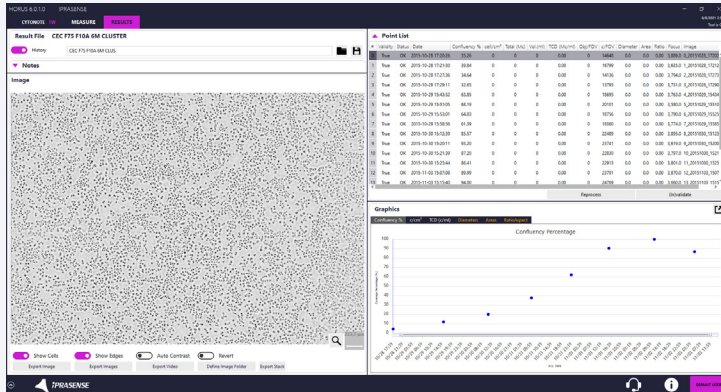
CYTONOTE 1W

Live Cell Imaging System

THE **CYTONOTE** IS THE **IDEAL SOLUTION** FOR YOUR **LIVE CELL BASED ASSAYS**

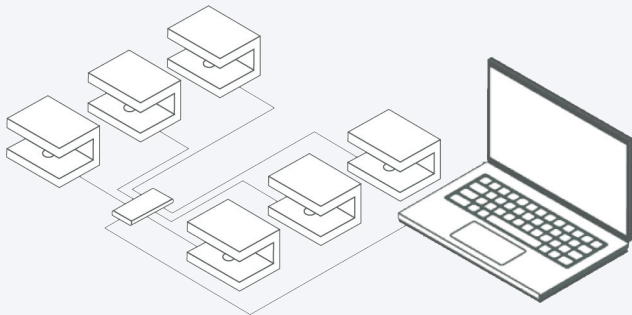


CYTONOTE 1W is designed to monitor 1 sensors or connect up to 6 **CYTONOTE 1W** simultaneously allowing the control of up to 6 independent parallel cell cultures.



HORUS Software for recording and analyzing the cell culture from a computer.

SIMULTANEOUSLY OPTION



HOW TO USE IT ?

1

Place your **CYTONOTE 1W** inside your incubator.

2

Select your container and place it on the **CYTONOTE 1W**.

3

Choose the acquisition time you need for your application and the duration of your test.

4

Start your test with our **HORUS** software.

5

You obtain **time lapses** and **movies** directly of your cells.

CELL MIGRATION CHEMOTAXIS, WOUND HEALING ON HIGH STATICAL NUMBER OF CELLS AND VERY WIDE AREA.
CELL PROLIFERATION THROUGH CELL COUNT AND QUANTITATIVE CONFLUENCE DETERMINATION.
ANGIOGENESIS THE VERY WIDE AREA ALLOWS TO OBSERVE THE FULL ANGIOGENESIS PROCESS WITH HIGH LEVEL OF DETAILS.

- Cells** • Eucaryotic cells : Adherent monolayer, Suspension cell at bottom of culture ware or in micro-slides, 3D spheroids
- Media** • Liquid or Semi-solid (collagen)
- Culture Vessels** • Standard plastic petri dish, culture flask, max height 55mm
- Resolution** • 1 micron
- Field of view** • 30 mm² (6,5 mm x 6,5 mm)
- Working distance** • 0 to 5 mm
- Image rate** • 1,5 image/min
- Light source** • LED
- Sensor** • CMOS 10 Mpix
- Image** • .JPEG / .PNG / .BITMAP / .TIFF
- Enclosure** • Stainless Steel
- Dimensions** • 12 x 11 x 10 cm
- Weight** • 1 kg
- Power Supply** • USB
- Pharmaceutical industries** • 21 CFR part 11 & IQ/OQ

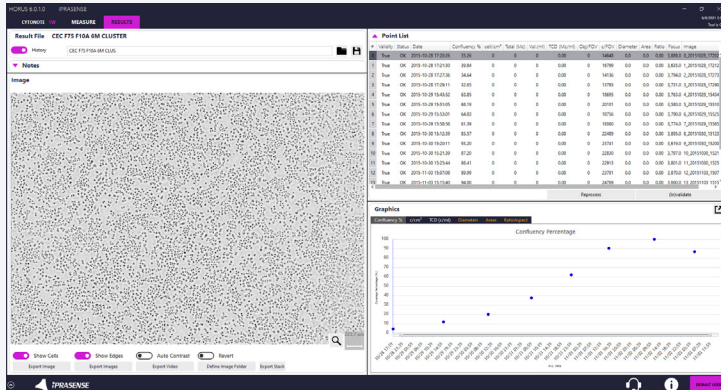
CYTONOTE 6W

Live Cell Imaging System

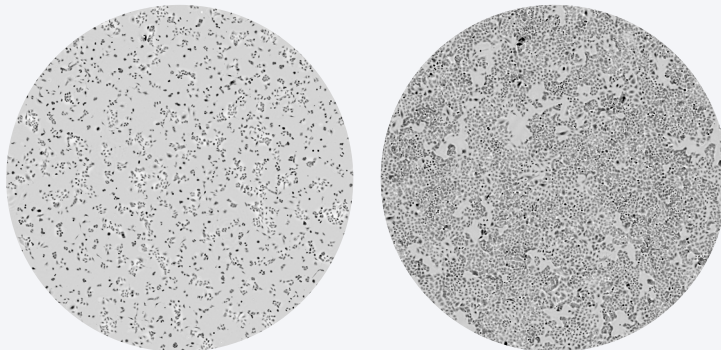


THE **CYTONOTE 6W** IS DESIGNED FOR **PARALLEL CULTURES** MONITORING IN **6 WELL PLATES**

CYTONOTE 6W is designed to monitor the 6 sensors simultaneously or distinctly for 6 parallel or independent cell cultures.



HORUS Software for recording and analyzing the cell culture from a computer.



HOW TO USE IT ?

1

Place your **CYTONOTE 1W** inside your incubator.

2

Select your container and place it on the **CYTONOTE 1W**.

3

Choose the acquisition time you need for your application and the duration of your test.

4

Start your test with our **HORUS** software.

5

You obtain **time lapses** and **movies** directly of your cells.

AUTOMATIC COUNTING OF ADHERENT CELLS.

CELL CONFLUENCE DETERMINATION.

CELL BASED ASSAY PROLIFERATION, MIGRATION, TRACKING, WOUND HEALING,...

Cells • Eucaryotic cells : Adherent monolayer, Suspension cell at bottom of culture ware or in micro-slides, 3D spheroids

Media • Liquid or Semi-solid (collagen)

Culture Vessels • Standard plastic petri dish, culture flask, multiwell plate, max height 55mm

Resolution • 1 micron

Field of view • 30 mm² (6,5 mm x 6,5 mm)

Working distance • 0 to 5 mm

Image rate • 1,5 image/min

Light source • LED

Sensor • CMOS 10 Mpix

Image • .JPEG / .PNG / .BITMAP / .TIFF

Enclosure • Stainless Steel

Dimensions • 17 x 13 x 10,5 cm

Weight • 2 kg

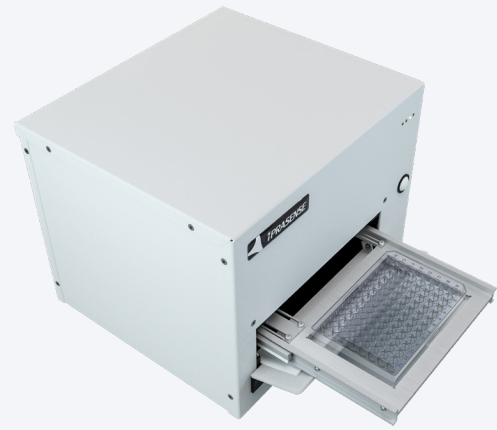
Power Supply • USB

Pharmaceutical industries • 21 CFR part 11 & IQ/OQ

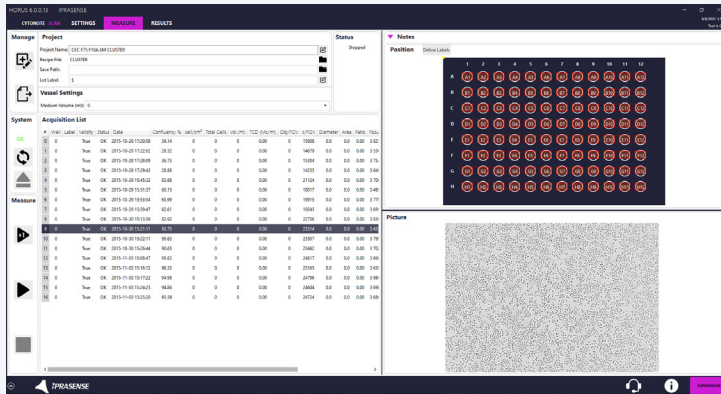
CYTONOTE SCAN

Live Cell Imaging System

THE **CYTONOTE SCAN** IS DESIGNED FOR **PARALLEL CULTURES MONITORING IN MULTIWELL PLATE**



CYTONOTE SCAN is designed to monitor up to **96 wells** independent cell cultures.



HORUS Software for recording and analyzing the cell culture from a computer.

PRODUCTS APPLICATIONS

- LIVE CELL **IMAGING**
- CELL GROWTH **MONITORING**
- CELL **PROLIFERATION ASSAY**
- CELL **MIGRATION ASSAY** : WOUND HEALING, CHEMOTAXIS
- CELL TUBE **FORMATION ASSAY** : ANGIOGENESIS
- 3D **SPHEROIDS CULTURES**

Cells • Eucaryotic cells : Adherent monolayer, Suspension cell at bottom of culture ware or in micro-slides, 3D spheroids

Media • Liquid or Semi-solid (collagen)

Culture Vessels • Standard 6, 12, 24, 48, 96, 384 mulwell plate, petri dishe

Resolution • 1 micron

Field of view • 30 mm² (6,5 mm x 6,5 mm)

Working distance • 0 to 5 mm

Image rate • 96 well plate in 15 min

Light source • LED

Sensor • CMOS 10 Mpix

Image • .JPEG / .PNG / .BITMAP / .TIFF

Enclosure • Stainless Steel

Dimensions • 29,5 x 26,5 x 29,5 cm

Weight • 12 kg

Power Supply • USB + 24 V DC (110 - 240 V AC)

Pharmaceutical industries • 21 CFR part 11 & IQ/OQ

- Cells** • Eucaryotic cells : Adherent monolayer, Suspension cell at bottom of culture ware or in micro-slides, 3D spheroids
- Media** • Liquid or Semi-solid (collagen)
- Culture Vessels** • Standard plastic petri dish, culture flask, max height 55mm
- Resolution** • 1 micron
- Field of view** • 30 mm² (6,5 mm x 6,5 mm)
- Working distance** • 0 to 5 mm
- Image rate** • 1,5 image/min
- Light source** • LED
- Sensor** • CMOS 10 Mpix
- Image** • .JPEG / .PNG / .BITMAP / .TIFF
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- Power Supply** • USB
- Pharmaceutical industries** • 21 CFR part 11 & IQ/OQ



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- Pharmaceutical industries** • 21 CFR part 11 & IQ/OQ



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