

Capillary Cell Sorting - MMI CellEctor

User friendly robotic single cell isolation

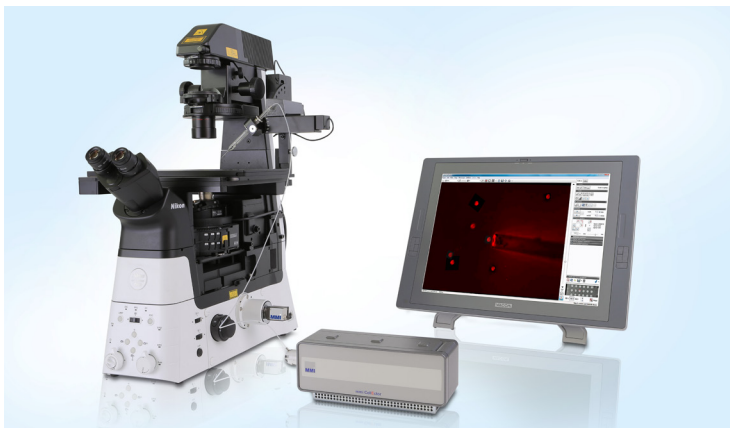
The MMI CellEctor facilitates isolation and collection of single cells from nanoliter volumes. The system supports a broad range of slide and wellplate formats which is the perfect starting point for downstream analyses such as sequencing of precisely targeted cellular populations.

Step 1: Identify - Target your population using brightfield or fluorescence live imaging

Step 2: Harvest - Point and click capillary cell collection with full video control

Step 3: Deposit - Automatically place collected cells into predefined target wells

MMI CellEctor: precise - reliable - easy



- Selective, robotic isolation of single cells in nanoliter volumes
- Automatic and manual identification of target cells
- Manual and automated workflow options under full visual control
- Supports a broad range of sample types, including living adherent cells
- Contamination-free and automatic sorting and deposition of individual cells



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Applications

- Liquid Biopsy
- Cancer Research & Oncology
- Rare & Single Cells
- Immunology
- Stem Cell Research
- Biomedical Research
- Crop Science
- Microbiology & Virology
- Material Sciences



The MMI CellEctor can be applied in various different research projects:

- where the **precise selection and isolation** of cells or any other particles from suspension is required
- where the **separate analysis of specific fractions** of your material is essential to produce significant data

Customer Testimonial



“At Simfo we are interested in analyzing molecular profile of circulating tumor cells (CTCs), because CTCs reflect the real status of tumor genotypes. CTCs exhibit high heterogeneity within a patient and for this reason we analyze individual CTCs for KRAS, BRAF and EGFR mutations.

The MMI CellEctor instrument allows us to precisely select single CTCs from patient samples in order to individually analyze their genomic integrity – an important pre-requisite for our research.”

Dr. Monika Pizon

SIMFO Spezielle Immunologie Forschung + Entwicklung GmbH, Bayreuth, Germany

Contact us

You would like to know more about our solutions and products?

Feel free to contact us. We are happy to discuss your applications and projects!



About us

MMI provides world class microscopy based single cell isolation and specializes in

- Capillary-based selective isolation of single cells (CellEctor)
- Clear-cut laser microdissection to isolate cells in tissue (CellCut)
- Whole-slide scanning for subsequent microdissection (CellScan)
- Optical tweezers to quantify minimal biological forces (CellManipulator)

MMI understands the importance of your individual needs. Supporting a range of applications from pathology, oncology, forensics to any of the other applications domains where our systems are found, MMI is ready to capture your cells and tissue right down to the single cell.

With more than 25 years of experience and systems in over 65 countries worldwide, MMI is located near Munich, only minutes away from Germany's second largest international airport.

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Microscopic Single Cell Isolation

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