

Quote Prepared For

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SONY ID7000™ HyperSpectral buněčný analyzátor – s až 188 detektory

Cat. číslo	Produkt	Množství	Cena v Kč bez DPH:
D7000-3LD	Sony ID7000 Spectral Analyzer 405/488/637nm – 89 detektorů (87 fluorescenčních detektorů FSC and SSC) s automatickým podavačem AdvancedAutoSampler Rozšiřitelný už na 7 nekolineárních laserů a 188 detektorů.	1,00	9.152.000,- Kč bez DPH
D7000-4LD	Sony ID7000 Spectral Analyzer 405/488/561/637nm – 116 detektorů (114 fluorescenčních detektorů FSC and SSC) s automatickým podavačem AdvancedAutoSampler Rozšiřitelný už na 7 nekolineárních laserů a 188 detektorů.	1,00	10.296.000,-Kč bez DPH
D7000-5LD	Sony ID7000 Spectral Analyzer 355/405/488/561/637nm – 151 detektorů (149 fluorescenčních detektorů FSC and SSC) s automatickým podavačem AdvancedAutoSampler Rozšiřitelný už na 7 nekolineárních laserů a 188 detektorů.	1,00	13.156.000,-Kč bez DPH
D7000-6LD	Sony ID7000 Spectral Analyzer 320/355/405/488/561/637nm – 186 detektorů (184 fluorescenčních detektorů FSC and SSC) s automatickým podavačem AdvancedAutoSampler Rozšiřitelný už na 7 nekolineárních laserů a 188 detektorů.	1,00	16.588.000,-Kč bez DPH
D7000-7LD	Sony ID7000 Spectral Analyzer 320/355/405/488/561/637/808nm – 188 detektorů (186 fluorescenčních detektorů FSC and SSC) s automatickým podavačem AdvancedAutoSampler.	1,00	19.448.000,-Kč bez DPH

Cena zahrnuje

Dodání zboží, instalaci a 24 měsíců plnou záruku (díly a práce) od doby instalace.

Platnost nabídky
do 29.3.2021

Popis zařízení:

The Sony ID 7000 is a high-parameter spectral cytometer, the ID7000 is Designed to deliver comprehensive information about heterogeneous cell populations with high sensitivity to detect dim and rare populations using 188 channels. Supports high—parameter workflow with up to 44+ colors (based on current fluorochrome availability).

Handles complex data using advanced tools such as the Spectral library, superior unmixing algorithms, and the Autofluorescence Finder.



Guided software workflows from QC to data analysis enable multi-user environments.

Standard AutoSampler with advanced functionalities allows for walkaway operation.

The ID7000 system allows for spectral detection of fluorochromes across a wide range between 360 and 920 nm, using novel 32-channel linear array PMT detectors and indium gallium arsenide (InGaAs) PMTs for deep-red channels, to provide better quantum efficiency above 850 nm.

Expanding the boundaries of cell analysis, the ID7000 can be configured with up to 7 spatially separated lasers and up to 188 detectors, the most of any flow cytometer available today.

ID7000 Detection system consist of up to 188 channels divided to individual separated lasers: 320nm – 35 ch, 355nm – 35 ch, 405nm – 35 ch, 488nm – 32 ch, 561nm – 27 ch, 637nm – 20 ch, 808nm – 2 ch, FSC/SSC (2ch)

3LD: 405/488/637 nm – 87 fl.ch. detectors, FSC/SSC (2ch)
 4LD: 405/488/561/637 nm – 114 fl.ch. detectors, FSC/SSC (2ch)
 5LD: 355/405/488/561/637 nm - 149 fl.ch. detectors, FSC/SSC (2ch)
 6LD: 355/405/488/561/637/808 nm - 151 fl.ch. detectors, FSC/SSC (2ch)
 6LD: 320/355/405/488/561/637 nm - 184 fl.ch. detectors, FSC/SSC (2ch)
 7LD: 320/355/405/488/561/637/808 nm - 186 fl.ch. detectors, FSC/SSC (2ch)

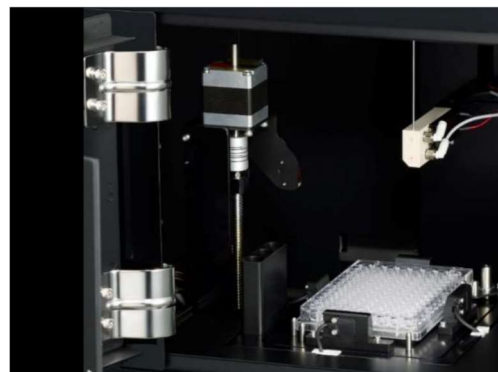
ID7000 include complete available Spectral Library that saves time and reagents by enabling re-use of single-positive controls and applying them in panel design, unmixing, and new experiments. Spectral Libraries can be shared and updated as needed. This significantly reducing the number of tubes or wells in a high-parameter experiment.

ID7000 include Autofluorescence Finder with Spectral technology, autofluorescent spectral fingerprints can be easily found and subtracted to provide visibility to see the true fluorescent population. It enables:

- Create an autofluorescence spectrum for unlabeled samples / cells
- Analyze these autofluorescence spectrums, including gating and statistics
- Automate the removal of autofluorescence from samples improving data accuracy and quality

ID7000 include Advanced AutoSampler

- Supports multiple standard and deep 96- and 384-well plates, And up to twenty-four 5-mL (12 x 75) tubes
- Features a unique, active agitation capability to keep cells in suspension during acquisition.
- Active cooling further reduces variability and prevents sample degradation over time.
- Software tools manage error conditions such as bubbles, clogs, and low sample volume.



ID7000 Simplifies Operation from QC to Data Analysis

- **Automated QC workflows** for daily and monthly QC to reduce hands-on time.
- **Experiment Design Wizards** to create and modify experiments easily.
- **Spectral Reference Library** to simplify panel design, save time and reagents.
- **Unmixing flexibility** – perform it live, using automation, or on-demand - based on experiment.
- **Autofluorescence Finder** for objective subtraction of the background and use of cells with autofluorescence.
- **Automated shutdown** to enable walkaway operation.
- **AutoSampler** active agitation and active cooling to reduce variability.

Key Advantages of Spectral Technology and ID7000 Design

- More flexibility when using an advanced spectral flow cytometry system reduces limitations due to conjugate availability.
- Use of entire spectral signature reduces the need for preparatory experiments to develop spillover-spread matrices.
- Optimized laser powers enable best signal for dim and bright fluorochromes without compromise.
- Ability to leverage Spectral References stored in the Spectral Library reduces need to run every single positive control every time.
- Autofluorescence Finder allows for subtraction of inherent autofluorescence of a sample to reduce background and improve data quality.

Dimensions of ID7000: W 106cm/D 72cm /H77cm

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in Central/Eastern Europe