

Small in size, BIG in performance The MACSQuant flow cytometer

We are proud to introduce the MACSQuant® Analyzer - a novel benchtop cell analyzer for highly sensitive multicolor flow analysis.

The MACSQuant® Analyzer is a compact benchtop flow cytometer that can fit into confined laboratory spaces, including laminar flow cabinets. In spite of this extraordinary compact design, 60 x 35 x 40 cm the MACSQuant® Analyzer offers many outstanding features, including:

- Stable optics: three robust lasers (violet, blue, red) secured unto the optical bench
- Multiparameter cell analysis: seven fluorescence and two scatter channels
- Absolute cell counting
- Flexible: wide choice of fluorochromes may be used for multicolor cell characterization
- Sensitive rare cell analysis using MACS® Technology

IN ADDITION

Multisample processing and automated labelling is convenient and hands-free. Easily accomplished walk-away cell labeling, sample processing and acquisition with the MACSQuant® Analyzer and MACS MiniSampler.

Automated housekeeping a feature highly appreciated by users. Reliable routine instrument chores are performed: trouble-free start-up with complete system checks, automated calibration and compensation procedures, continual monitoring of buffer, reagent, and waste levels, touch control of system status, automated cleaning cycles and shutdown.

Accurate and convenient calibration and compensation is crucial for effective and reproducible cell analysis. The MACSQuant® Analyzer completely automates these procedures, saving time while reducing the chance of user error. MACSQuant® Calibration Beads, specially developed for the automated optimization of channel voltage settings. Single-stained cells or compensation beads can be used for fully automated compensation on up to seven colors via a 7x7 matrix.

The MACSQuantify™ software is a powerful and easy-to-use program that provides both a data analysis application for personal computers and an intuitive user interface for operation of the MACSQuant® Analyzer. It efficiently manages instrument operation, data acquisition and data backup. Additionally, data analysis can be performed directly on the instrument while the instrument is acquiring



discrete sample data. As a stand-alone analysis program, the flow user can analyze flow cytometry data from other flow cytometers. Created data files can also be easily exported as FCS2.0 or FCS3.0 file formats.

Paramount performance in phenotyping
With convenience and flexibility in mind, in addition to the MACSQuant® Analyzer Miltenyi Biotec offers individual antibodies and ready-to-use cell analysis kits for flow cytometry.

Fluorochrome-conjugated MACS Antibodies are perfectly suited for identification and enumeration of human, mouse, rat or non-human primate cells by flow cytometry. With a broad panel of antibodies phenotyping of any immune cell type becomes possible.

Unique worldwide IMMEDIATE virtual technical support is available via internet 24 hours a day 5 days a week by e-mail or telephone. In addition there is an online discussion forum, a list of frequently asked questions online, and a comprehensive library of datasheets and online protocols

The MACSQuant® Learning center offers hands-on instrument and software training, application and product specialists are available locally and globally. You can also participate in courses and workshops on-site or at the Miltenyi facilities.

Cat. Nr	Description	NOW!
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