

# Light Operator by Beihang University Wins Silver in A' Scientific Equipment Awards

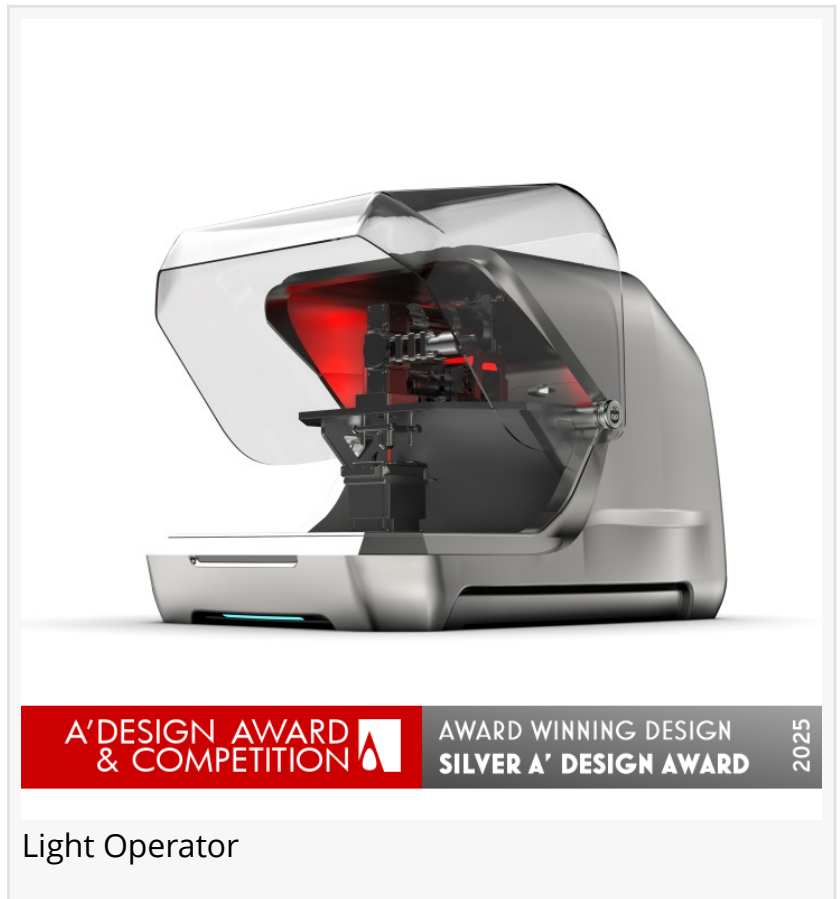
*Innovative Cell Sorting Equipment  
Recognized for Excellence in Design and  
Functionality*

COMO, CO, ITALY, December 2, 2025 /EINPresswire.com/ -- The A' Design Award, a highly prestigious and well-recognized award in the field of [scientific instrument](#) design, has announced [Beihang University](#)'s "Light Operator" as the Silver Award winner in the Scientific Instruments and Research Equipment Design category. This esteemed recognition highlights the exceptional design and innovation of the Light Operator, a precise cell sorting equipment that showcases the university's commitment to advancing scientific research.

The Light Operator's award-winning design directly addresses the needs of biomedical researchers, offering a more efficient and reliable solution for cell sorting. By integrating advanced optoelectronic technologies with user-friendly design, this innovative equipment has the potential to revolutionize laboratory practices and accelerate scientific discoveries in the field of cell science.

What sets the Light Operator apart is its unique combination of high-resolution imaging, real-time algorithms, and visual graphics, ensuring precise cell identification throughout the sorting process. The device's precision manufacturing and use of premium materials guarantee the stability and accuracy of its internal optical and electronic components. Moreover, the Light Operator's ergonomic design and intuitive user interface enhance the overall user experience, making complex experimental procedures more streamlined and efficient.

Winning the A' Scientific Instruments and Research Equipment Design Award serves as a



testament to Beihang University's dedication to pushing the boundaries of scientific instrument design. This recognition is expected to inspire the university's research team to continue their pursuit of groundbreaking innovations that address real-world challenges in the biomedical field. The Light Operator's success may also influence industry standards, encouraging other designers and manufacturers to prioritize user-centric design and advanced technologies in the development of scientific equipment.

Light Operator was designed by a multidisciplinary team from Beihang University, including Yuanyuan Liu, Hu Yin, Haocheng Han, Zipeng Zhang, Zhuohang Yang, and Lin Feng, who contributed their expertise in optics, software engineering, and design to create this award-winning scientific instrument.

Interested parties may learn more about the Light Operator and its designers at:

<https://competition.adesignaward.com/ada-winner-design.php?ID=164196>

#### About Silver A' Design Award

The Silver A' Design Award recognizes top-tier designs that demonstrate excellence and innovation in their respective fields. Recipients of this award are acknowledged for their significant contributions to advancing industry standards and design practices. The Silver A' Design Award is bestowed upon designs that incorporate original innovations, showcase technical proficiency, and make a notable impact on improving everyday life. Winning designs are selected through a rigorous blind peer-review process, where a panel of expert jury members evaluate entries based on pre-established criteria specific to each category, such as the Scientific Instruments and Research Equipment Design category, which considers factors like innovation, practicality, accuracy, sustainability, and user interface design.

#### About A' Design Award

The A' Design Award is an international, juried design competition that has been recognizing and promoting outstanding design since 2008. Open to entries from all countries and across various industries, the A' Design Award aims to acknowledge and celebrate innovative designs that contribute to the advancement of society. By showcasing these pioneering works on a global platform, the competition seeks to inspire and drive forward the principles of good design. Entries are blind peer-reviewed and evaluated by an influential jury panel comprising design professionals, industry experts, journalists, and academics based on pre-established criteria. The ultimate goal of the A' Design Award is to create a better world through the transformative power of exceptional design. Interested parties may learn more about the A' [Design Awards](#), explore jury members, view past laureates, and participate with their projects at <https://juriedcompetition.com>

Makpal Bayetova

A' DESIGN AWARD & COMPETITION SRL

+39 031 497 2900

[email us here](#)

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