

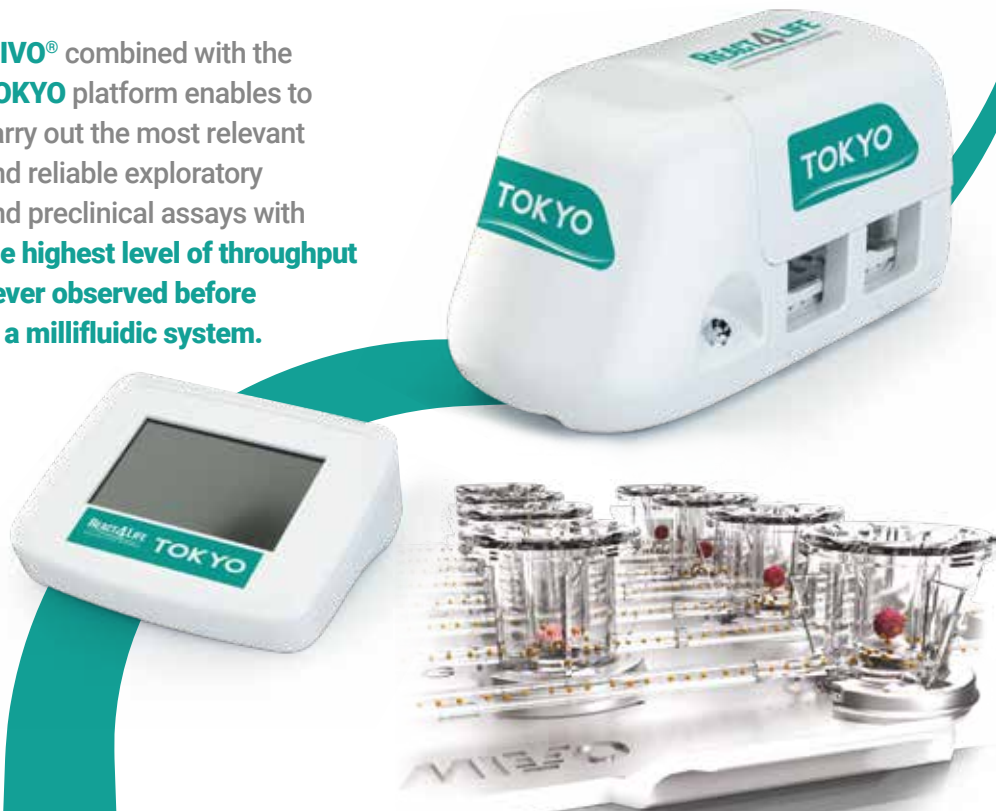
REACT4LIFE

mirroring human complexity

THE NEW HIGH PERFORMING MILLIFLUIDIC PLATFORM

UP
TO
24 TESTS
AT ONCE

MIVO® combined with the **TOKYO** platform enables to carry out the most relevant and reliable exploratory and preclinical assays with **the highest level of throughput never observed before in a millifluidic system.**



Current high-throughput platforms are static, limiting their use for complex disease modeling (e.g., cancer), cell therapy, and immunotherapy testing, where immune cells need to be cultured in a dynamic flow, as in vivo, to obtain reliable results. Additionally, fluidic Organ-on-Chip systems have low throughput due to pumping and tubing limitations.

TOKYO

TOKYO is the first and only flow system that seamlessly combines high experiment throughput with maximum reliability of results, enabling work with clinically relevant tissue sizes and circulating cells.

TECHNICAL FEATURES

- Up to 24 Experiment Lines
- Swift Tube Locking System
- Compact Design
- Intuitive External Control
- Efficient Tray
- Universal Incubator Compatibility

PHYSIOLOGICAL FLOW VELOCITIES

- | | | | |
|---------------------------|--------------|------------------|----------------|
| • Esophagus | 10 - 50 mm/s | • Retina | 4.6 - 5.2 mm/s |
| • Tumor capillary flow | 0.1 - 1 mm/s | • Intestine | 20 - 25 mm/s |
| • Intestinal lumen | 10 - 20 mm/s | • Skin | 0.6 - 0.9 mm/s |
| • Circulating tumor cells | 1 - 10 mm/s | • Lung capillary | 0.1-0.2 mm/s |

Elevate your millifluidic experiments to unprecedented stability and throughput.

Want to learn more? Contact us at info@react4life.com