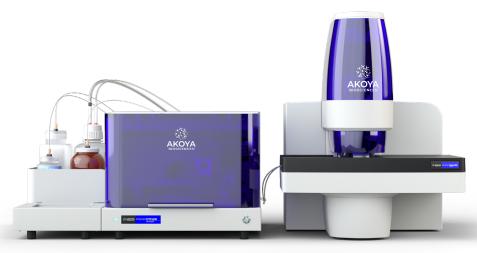


Introducing the PhenoCycler-Fusion System



THE FASTEST SINGLE-CELL SPATIAL BIOLOGY SYSTEM

The PhenoCycler™-Fusion system is the fastest spatial biology solution that enables ultrahigh-plex spatial phenotyping of whole slides at single-cell resolution by integrating automated fluidics and iterative imaging. Capable of imaging 1 million cells in 10 minutes, the system allows unbiased spatial phenotyping of tissues, accounting for every single cell across the whole slide. Moreover, it is high-throughput, multiomic, and the only system that enables translation of spatial discoveries into actionable biomarkers.

PhenoCycler-Fusion System Specifications

Dimensions (W X D X H in)	PhenoCycler: 28"X 22"X 14.5"; Fusion: 25"X 20"X 26"
Weight*	PhenoCycler: ~67 lbs. / 30.3 kg ; Fusion :~120 lbs. / 54.4 Kg
Tissue Format	Whole-slide, Tissue Microarray and Tissue Sections
Speed (1.5cmX1.5cm)	Fluorescence: 45 min
Resolution	Up to 0.25 µm/pixel (40X)
Throughput	1 slide
Multiplexing Capability	Supports up to 100+ biomarkers depending on barcode compatibility
Image Analysis Software	inForm®: Intuitive learn-by-example interface that automatically segment and quantitate, tissue structures, cells and sub-cellular signatures
File format	Akoya Biosciences' whole slide scan image (QPTIFF), color images (JPEG, BMP, PNG)
Platform Electrical	
Input Voltage	PhenoCycler: 100-120V, 50/60Hz (±10%) Fusion: 100-240V, 50/60Hz (±10%)
Backup UPS (Optional, but Recommended)	APC Smart-UPS 1500VA
Operating Environment	
Temperature	+20°C to +26°C (68°F to 80°F)
Humidity	30%-60%, No condensation
* Measurements are approximations and could vary slightly for the final shipments	