

Introducing Phenolmager Fusion



SPATIAL SIGNATURES WITHIN REACH

Capable of both brightfield and fluorescence whole-slide imaging, the Phenolmager™ Fusion instrument serves the needs of laboratories with standard throughput needs while still delivering high quality imaging with fast scanning times. Combined with our proprietary Multispectral Imaging (MSI) Technology (patent pending) which allows for easy detection and the measurement of multiple biomarkers within a single tissue without the interference of autofluorescence and fluorophore crosstalk, the Phenolmager Fusion provides you with confidence to accurately phenotype and quantify tumor-immune cell interactions in the tissue microenvironment (TME) and develop biomarker signatures with higher predictive accuracy.

Fusion Instrument Specifications

Dimensions (W x D X H in)	25" X 20" X 26"
Weight*	~120 lbs. / 54.4 kg
Tissue Format	Whole-slide, Tissue Microarray and Tissue Sections
Multispectral Range	440 nm – 780 nm
Speed (1.5cm X 1.5cm)	Fluorescence : 18 min; Brightfield: 9 min
Resolution	10X (1.0 µm/pixel), 20X (0.5 µm/pixel) or 40X (0.25 µm/pixel)
Throughput	4 slide
Multiplexing Capability	Separates up to 7 colors including DAPI
Image Analysis Software	inForm® and phenoptRReports: Intuitive learn-by-example interface that automatically segments and quantitates, tissue structures, cells and sub-cellular signatures
File format	Akoya Biosciences' whole slide scan image (QTIFF)
Platform Electrical	
Input Voltage	100 to 240 VAC, 50/60 Hz
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

To learn more visit [AKOYABIO.COM](https://www.akoynbio.com) or email us at INFO@AKOYABIO.COM

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