MacroPhor™ Series
Hyperspectral Imaging Systems

FEATURES	MacroPhor™ Lab	MacroPhor™ Array	MacroPhor™ Flatbed
Camera Options			
Fluorescence spectral camera	Yes	Yes	Yes
VNIR (400-1000 nm)	No	Yes	Yes
NIR (1000-1700 nm)	No	Yes	Yes
High Resolution RGB Camera	No	Yes	Yes
Dual cameras	No	Yes	Yes
Optical			
Field of view	4 inches	4 inches	4 inches
Scan length	12 Inches	15 Inches	40 Inches
Sample area	4 inch x 4 inch	12 inches x 24 inches	4 inch x 40 inch
Illumination Features			
405nm single wavelength laser	Yes	Yes	Yes
488nm single wavelength laser	Yes	Yes	Yes
532nm single wavelength laser	Yes	Yes	Yes
640nm single wavelength laser	Yes	Yes	Yes
Halogen Line Light	Yes	Yes	Yes
Number of lights	4	8	8
Light intensity adjustment	Yes	Yes	No
System Features			
Software controled XY scanning stage	Yes	Yes	No
Interlocked cabinet for laser saftey	Yes	Yes	Yes
Z motor focus for fluorecense camera	Yes	Yes	Yes
Internal RGB camera for sample positioning	Yes	Yes	No
Computer	HSI - PLUS Workstation with monitor High capacity SSD storage	HSI - PLUS Workstation with monitor High capacity SSD storage	HSI - PLUS Workstation with monitor High capacity SSD storage
Software			
FastFrame™ Acquisition Software	Yes	Yes	Yes
Multi camera acquisition control module	No	Yes	Yes
KemoQuant™ Analysis Software	Yes	Yes	Yes
High throughput sampling software	No	Yes	Yes
Other Features			
High performance casters for moving the system	No	No	Yes