

Lightnovo miniRaman microscopy platform 2024



mRm MP (Microscopy Platform)

Name	Manufactur P/N	Lateral resolution (*determined at microscope objective NA=0.95, 100x)	Axial resolution (*determined at microscope objective NA=0.95, 100x)	White light microscopy	Microscopy configuration	Motorized Mapping travel range in XYZ	Minimum step size for motorized stages	Travel range in XYZ for manual stages	Minimum step size for manual stages	Physical dimensions	Weight
mRm MP for 665 Full Range motorized	mRm665FR	800nm	2.5um	Reflected with simultaneous visualization of laser spot and Raman acquisition	up-right and inverted	30 x 30 x 30 mm	500nm	N/A	N/A	175x180x410 (LxWxH)	up to 12 kg
mRm MP for 785/860/665 (dual) motorized	mRm785860665	900nm	3um	Reflected with simultaneous visualization of laser spot and Raman acquisition	up-right and inverted	30 x 30 x 30 mm	500nm	N/A	N/A	175x180x410 (LxWxH)	up to 12 kg
mRm MP for 665 Full range manual	mRm665FR	800nm	2.5um	Reflected with simultaneous visualization of laser spot and Raman acquisition	up-right and inverted	N/A	N/A	10 x 10 x 13 mm	5um	175x180x410 (LxWxH)	up to 12 kg
mRm MP for 785/860/665 (dual) manual	mRm785860665	900nm	3um	Reflected with simultaneous visualization of laser spot and Raman acquisition	up-right and inverted	N/A	N/A	10 x 10 x 13 mm	5um	175x180x410 (LxWxH)	up to 12 kg
mRm MP OEM for 665 Full Range (no housing, no stages)	mRm665FR	800nm	2.5um	Reflected with simultaneous visualization of laser spot and Raman acquisition	up-right and inverted	N/A	N/A	N/A	N/A	175x180x410 (LxWxH)	up to 12 kg
mRm MP OEM for 785/860/665 (dual) (no housing, no stages)	mRm785860665	900nm	3um	Reflected with simultaneous visualization of laser spot and Raman acquisition	up-right and inverted	N/A	N/A	N/A	N/A	175x180x410 (LxWxH)	up to 12 kg
mRm MP MFS (Manual Focusing Stage) XYZ	mRm665FR	800nm	2.5um	Reflected with simultaneous visualization of laser spot and Raman acquisition	up-right and inverted	N/A	N/A	10 x 10 x 13 mm	5um	175x180x410 (LxWxH)	up to 12 kg
mRm MP MFS Z	mRm665FR	800nm	2.5um	Reflected with simultaneous visualization of laser spot and Raman acquisition	up-right and inverted	N/A	N/A	10 x 10 x 13 mm	5um	175x180x410 (LxWxH)	up to 12 kg