



Lightnovo RG microscopy platform



RGm MP (Microscopy Platform)

Name	Manufactur P/N	Working wavelength of the laser	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
RGm MP for 405 motorized		405	200nm	700nm	Reflected with simultaneous visualization of laser spot and Raman acquisition	up-right and inverted	102 x 102 x 25 mm	200nm	N/A	N/A	430x340x480 (LxWxH)	20 kg
RGm MP for 532/638/785/830 motorized		532/638/785/830	230/320/400/420nm	0.9/1.2/2/2.4um	Reflected with simultaneous visualization of laser spot and Raman acquisition	up-right and inverted	102 x 102 x 25 mm	200nm	N/A	N/A	430x340x480 (LxWxH)	20 kg
RGm MP for 785/830 motorized		785/830	400/420nm	2/2.4um	Reflected with simultaneous visualization of laser spot and Raman acquisition	up-right and inverted	102 x 102 x 25 mm	200nm	N/A	N/A	430x340x480 (LxWxH)	20 kg
RGm MP for 405 manual		405	200nm	200nm	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	430x340x480 (LxWxH)	15 kg
RGm MP for 532/638/785/830 manual		532/638/785/830	230/320/400/420nm	0.9/1.2/2/2.4um	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	430x340x480 (LxWxH)	15 kg
RGm MP for 785/830 manual		785/830	400/420nm	2/2.4um	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	430x340x480 (LxWxH)	15 kg
RGm MP OEM for 405 (no housing, no stages)		405	200nm	700nm	Reflected with simultaneous visualization of laser spot and Raman acquisition	up-right and inverted	N/A	N/A	N/A	5um	150x200x300 (LxWxH)	5 kg
RGm MP OEM for 532/638/785/830 (no housing, no stages)		532/638/785/830	230/320/400/420nm	0.9/1.2/2/2.4um	Reflected with simultaneous visualization of laser spot and Raman acquisition	up-right and inverted	N/A	N/A	N/A	5um	150x200x300 (LxWxH)	5 kg
RGm MP OEM for 785/830 (no housing, no stages)		785/830	400/420nm	2/2.4um	Reflected with simultaneous visualization of laser spot and Raman acquisition	up-right and inverted	N/A	N/A	N/A	5um	150x200x300 (LxWxH)	5 kg
RGm MP MFS (Manual Focusing Stage) XYZ		N/A	N/A	N/A	N/A	N/A	N/A	N/A	10 x 10 x 13 mm	5um	430x340x480 (LxWxH)	15 kg