

runmanager

(a) Engage ☐ Abort ☒ Compile ☐ Send to mise

labscrip file: trap_atoms.py

Output directory: temperature_measurement

Control server: bec-krb-control

Shuffle

View run(s) ☐ Run experiment(s) ☒

Group name: PGC
Hdf5 file: /Volumes/monashbec/Experiments/krb/trap_atoms/mot_globals.h5

(c) Output Overview Groups Stages Rb_Source MOT PGC Imaging

Name	Value	Units	Expansion
<Click to add new global>			
pgc_bias_x	0.22	A	
pgc_bias_y	0.355	A	
pgc_bias_z	0.091	A	
pgc_detuning	linspace(15,60,10)	MHz	outer
pgc_laser_power	350	Arb.	
pgc_quad	linspace(0,15,10)	G/cm	outer
PGC_Repump	True	Bool <input checked="" type="checkbox"/>	
tof_drop_time	linspace(10e-3,20e-3,5)	s	outer

array([0.01 , 0.0125, 0.015 , 0.0175, 0.02])

(b)