

Customer								
Material	Tantalum		Est. Bulk Density	0.8 EST.				
Desired range	0.5000 gm to 10 gm							
Desired accuracy	Plus/Minus 0.0002 gm							
		Sample weight	Control unit settings					
Micrometer setting		GM	Vacuum (1in hg)	Air (psi)				
0.50	Start	0.5914	15	10				
		0.5952						
0.45		0.5393	20	12				
		0.4879						
								Change Micrometer
0.40		0.5069						
		0.5148						
		0.5176						
		0.5184						
		0.5190						
		0.5255	22	14	Adjusted air/vac			
		0.5159						
		0.5148						
		0.5129						
		0.5145						
		0.5160 Av						
		0.5160 Mean						
		0.0048 Std Dev						
0.38		0.5030	22	14				
		0.5012			Sample packed small sample size			
		0.5038						
		0.5034						
		0.5028						
		0.5000			Sample packed small sample size			
		0.5024 Av						
		0.5024 Mean						
		0.0015 Std Dev						

