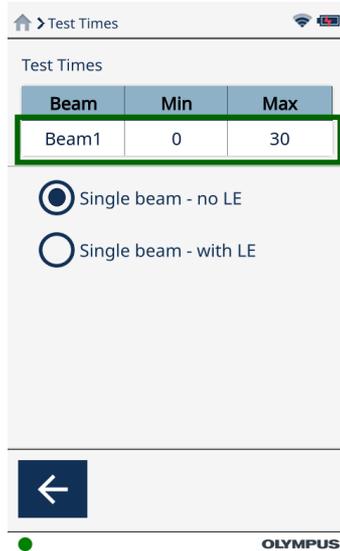
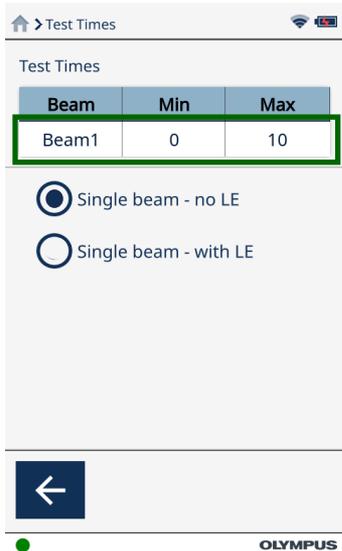
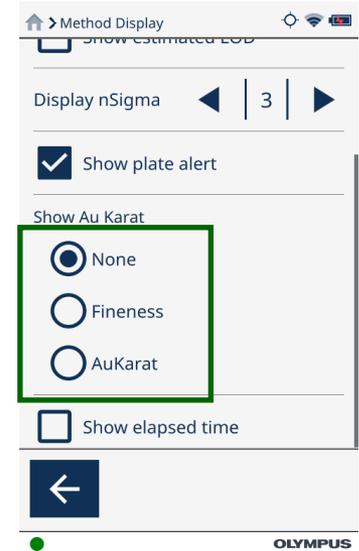
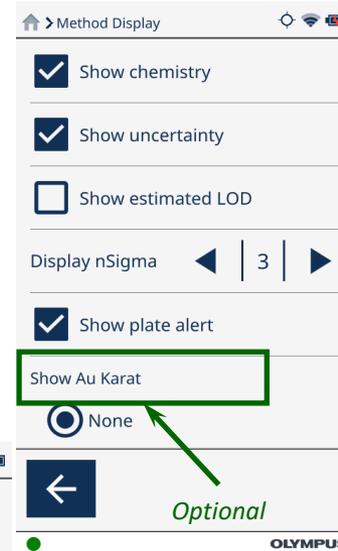


Precious Metals Getting Started Guide

- (1) Check your instrument window: Is the correct window installed? Is it intact? Clean it with an alcohol/wet wipe.
- (2) Check your Method Display Settings (right). Is it displaying your gold settings as desired?
- (3) Check your Element Order (bottom right).
- (4) Confirm that your collimator is turned off (back).
- (5) If your collimator is needed (for small samples, make sure to use the Collimator test time (below)
- (6) User Factors should be turned off (set to None).



Standard testing

Collimated testing

Testing with contaminated or embedded samples



M-Series: Prolene



C-Series: Kapton Mesh



L-Series: Kapton ("Kap 50")

Precious Metals Getting Started Guide

Sort display by custom
Element Order



Nov 02-4[Col]

Precious Metals

Karat: 12.48

El	%	+/- 3σ
Au	52.0	1.5
Ag	10.63	0.80
Cu	31.7	1.2
Zn	5.68	0.58

Custom Element Order

Notes +



Ready OLYMPUS

Nov 02-4[Col]

Precious Metals

Karat: 12.48

El	%	+/- 3σ
Cu	31.7	1.2
Zn	5.68	0.58
Ag	10.63	0.80
Au	52.0	1.5

Increasing Atomic #

Notes +



Ready OLYMPUS

Nov 02-4[Col]

Precious Metals

Karat: 12.48

El	%	+/- 3σ
Au	52.0	1.5
Cu	31.7	1.2
Ag	10.63	0.80
Zn	5.68	0.58

Decreasing Concentration

Notes +



Ready OLYMPUS

Aiming Camera

Collimation OFF



Leave the collimator off, unless specifically needed



Collimation disabled OLYMPUS

Aiming Camera

Collimation ON



Toggle Cameras



Collimation enabled OLYMPUS

Additional Online Resources:



[All that Glitters Isn't Gold: How to Spot Fake Bullion](#)



[Shining Like a Diamond...or Rhinestone: Identifying Precious Gems with XRF Analyzers](#)