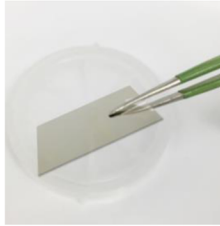




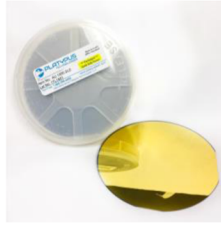
**GOLD-COATED PRODUCTS:** Our products include gold-coated microscope slides and coverslips, silicon wafers, prisms and sensor chips for SPR applications. Additionally, our Template-Stripped Gold films provide near-atomically flat surfaces that are ideal for AFM studies.



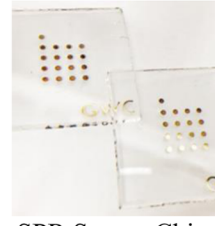
Microscope Slides



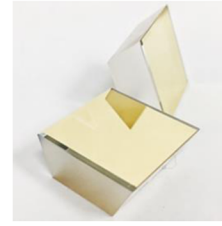
Coverslips



Silicon Wafers

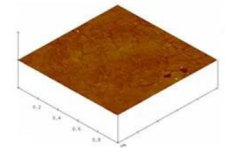


SPR Sensor Chips



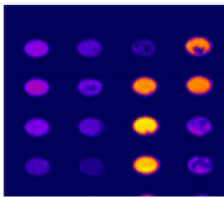
Optical Prisms

**APPLICATIONS:** Our products are used for measurements and experiments involving complex techniques, such as Atomic Force Microscopy, Surface Plasmon Resonance, IR and Raman Spectroscopy, Dielectric Spectroscopy and Enhanced Fluorescence Spectroscopy. For example, Platypus Template-Stripped Gold chips provide a pristine, ultra-flat surface that is ideal for characterization of self-assembled monolayers using AFM.



Ultra-flat gold silicon wafer  
RMS roughness = 3.6 Å

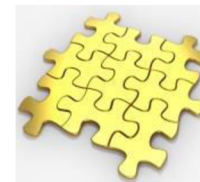
AFM measurement of *Template-Stripped Gold* demonstrates near-atomic flatness of surface



SPR Image of *SpotReady16*, fabricated by Platypus Technologies

**WHITELABELED PRODUCTS:** Platypus Technologies works with instrumentation specialists that seek to white label gold-coated prisms, sensor chips, or other gold-coated products. For example, *GWC Technologies*, a supplier of SPR imaging instruments, collaborates with *Platypus Technologies* to develop and fabricate advanced biosensor chips for label-free studies of biomolecules.

**CUSTOM GOLD COATING SERVICES:** Looking for a customized solution that is specific for your application? We can help. *Platypus Technologies* can gold-coat most types of prisms, wafers, and plastic or glass plates to your required specifications. Additionally, we can scribe-cut glass and silicon plates into arbitrary shapes and dimensions. Contact us!



### TESTIMONIALS:

"We had problems before with gold slides from a different manufacturer, different slides from the same batch had dramatic differences in the quality of the gold film, that's why we switched to your {Platypus'} product."

- AFM-Raman Product Manager, Horiba Scientific

"Platypus did some custom gold deposition back in April for us, and the films turned out really well."

-Researcher, Iowa State University

Available in Canada from...



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### Gold Coated Products – Ordering Information

	Gold Thickness (nm)	Package Size	Catalog #
<b>Microscope Slides</b>			
1 in x 3 in x 0.7 mm	10	5 slides	PPAU0100ALSI
	50	5 slides	PPAU0500ALSI
	100	5 slides	PPAU1000ALSI
<b>Microscope Coverslips</b>			
22 mm Square	10	12 coverslips	PPAU0100CSS
	50	12 coverslips	PPAU0500CSS
15 mm Round	10	8 coverslips	PPAU0100CSR8
	10	24 coverslips	PPAU0100CSR24
<b>Silicon Wafers</b>			
100 mm round	50	1 wafer	PPAU0500SL0
	50	3 wafers	PPAU0500SL1
	50	12 wafers	PPAU0500SL2
	100	1 wafer	PPAU1000SL0
	100	3 wafers	PPAU1000SL1
	100	12 wafers	PPAU1000SL2
<b>Ultraflat Gold (1 cm x 1 cm chips)</b>			
On Prime Grade Silicon Wafer	100	20 chips	PPAU1000SWTSG
On Mica Sheets	200	5 chips	PPAU2000MTSG
<b>Sensor Chips for SPR (for use with GWC SPR tools)*</b>			
SpotReady16™*	-	5 chips	PPSPR1000016
SPRChip™*	-	5 chips	PPSPR1000050
<p>*SpotReady16™ and SPRChip™ are trademarks of GWC Technologies. Used with permission from GWC Technologies. Starting September 2017, Platypus Technologies will service all customers for biosensor chips from GWC Technologies. See press release: <a href="http://www.platypustech.com/news/platypus-technologies-announce-partnership-gwc-technologies">http://www.platypustech.com/news/platypus-technologies-announce-partnership-gwc-technologies</a></p>			