



PMV PRO - Specifications:

March 3, 2020

Base Unit Specifications:

Shipping weight	5.2 lbs.	2.4 kg
Length:	11 in	280 mm
Width:	8 1/4 in	210 mm
Depth:	2 9/16 in	65 mm

Made in USA

Sensor Specifications:

Sensor	Maximum Sample Thickness	Minimum Sample Diameter/Width	Detection Limit Gold over Tungsten (G.O.T.)
Large Bridge	12.5 mm	32 mm for coins 28 mm for bars	12.5 mm
Small Bridge	3.5 mm	15 mm for coins 10 mm for bars	3.5 mm
Refiners Wand	No limit	24 mm	2.5 mm
Small Wand	No limit	8 mm	0.18 mm
Large Wand	No limit	18 mm	0.25 mm
External Bridge	45 mm	50 mm	45 mm

** A standard plating thickness is 5 micro-inches; the Small wand will penetrate 1400 standard plating thicknesses into the metal (G.O.T.)*

Metal Specifications

Name	Description	Center Reading
Gold		$\mu\Omega$ -cm
Gold Pure	Gold at least .999 pure	2.25
91.7%, 22K bal Cu	22 karat gold, remainder copper	10.05
90 % bal Cu	90% gold, 10% copper	11.05
Eagle 22K 3% Ag	22 karat gold, 3% silver, 5.3% copper	9.04
98.60%	Gold, Austrian Ducat, 98.6% remainder copper	3.80
91.7% 22K 4.2% Ag	Gold, 22 karat, 1 karat silver, 1 karat copper	8.47
Silver		
Silver Pure	Silver at least .999 pure	1.57
92.5% Sterling	Sterling silver, 92.5%, remainder copper	2.30
90% Coin 1945-	Silver coins 90% silver, 10% copper - good purity	1.93
90% Coin pre-1900	Silver coins 90% silver, 10% copper - fair purity	2.25
90% Coin 1900- 1945	Silver coins 90% silver, 10% copper - moderate purity	2.00
96% Britannia	Silver, 23 karat, 95.8% remainder copper	1.80
Other		
Platinum	Platinum at least .999 pure	10.95
Palladium	Palladium at least .999 pure	10.95
Rhodium	Rhodium at least .999 pure	4.90
Copper	Copper at least .999 pure	1.70
Calibrator	Aluminum at least .995 pure	2.80
Rhodium - PAMP	Rhodium at least .999 pure, 91% density	5.76
Coins		
Krugerrand	South African Gold Krugerrand 22 karat	10.05
American Gold Eagle	1986 to present, 22 karat gold, 3% silver, 5.3% copper	9.04
Gold Britannia 1990-2012	Gold Britannia 90-12, 22 karat gold, 1 karat silver, 1 karat copper	8.47
Gold Britannia 2012-	Gold Britannia 2013 to present, gold .9999 pure	2.25
Gold Britannia 1989	Gold Britannia 1987-1989, 22 karat gold remainder copper	10.05
Gold Austrian Ducat	Gold, Austrian Ducat, 98.6% remainder copper	3.80
Silver Britannia -2012	Silver Britannia 1997-2012, 23 karat silver	1.80
Silver Britannia	Silver Britannia 2013 to Present, .999 silver	1.57
Silver 80%, Canada Comem	Silver 80 % Copper 20% - as in Canadian Commemoratives	2.14