





KeyPrint®: Materials Value to the Lab & Doctor**

Bio

Biocompatible Resins

	KeyModel®/KeyOrthoModel®			KeyModel Ultra™ (Ivory & Light Grey)			KeyCast®	KeyMask®	KeyGuide®		KeyTray™	KeyDenture Try-In™		KeyOrtho IBT™	KeySplint® Soft	KeySplint® Hard	KeyGuard™	KeyDenture® Base
																		
MSRP Price Per Bottle	\$176.80			\$82.20			\$260.00	\$187.20	\$260.00		\$244.00	\$259.40		\$363.00	\$442.00		\$299.00	\$549.00
Estimated Grams of Material Per Part	25-35g	10-15g	5-10g	25-35g	10-15g	5-10g	.206-2g	.4-1g	15-20g	3-7g	10-20g	15-25g	7-12g	4-6g	5-10g		15-25g	20-25g
Estimated Parts Per Bottle	25-35	58-88	88-176	25-35	58-88	88-176	400-4000+	440-1100+(per half kg)	40-60 pieces	125-300 pieces	44-88	35-60	73-125	146-220	88-176		35-60	45
Average Cost Per Part (Based on MSRP)	\$5.00-\$7.00	\$2.00-\$3.00	\$1.00-\$2.00	\$2.30-\$3.30	\$0.90-\$1.40	\$0.46-0.93	\$0.1-0.75	\$0.17 or less	\$4.00-6.50	\$0.75-2.00	\$2.75-5.50	\$4.30-7.50	\$2.00-3.50	\$1.65-2.50	\$2.50-5.00		\$5.00-8.50	\$12.10 +/- .020
Recommended Print Orientation	horizontal on buildplate (supports optional)						horizontal on buildplate (supported)		0-45° anterior or posterior from build plate (supported)	horizontal on buildplate (supported)	vertical on buildplate (supported)	60-75° anterior or posterior from build plate (supported)	25-45° anterior or posterior from build plate (supported)	flat on buildplate	35° anterior or posterior from build plate		45° anterior or posterior from build plate	75° anterior or posterior from buildplate
Average Print Time (per recommended orientation)	1-1.5 hr (4-7 nested)	2.5-3.5 hr (4-7 nested)		1-1.5 hr (4-7 nested)	2.5-3.5 hr (4-7 nested)		45 min (3-5 nested)	1.5 hr (7-12 nested)	1.5 hr (3-6 nested)	1.5 hr (4-8 nested)	3.5 hr (3-6 nested)	~2-3 hr (2-5 nested)	~1-2 hr (4-8 nested)	20-40 min (8-16 quadrants)	2.5-3.5 hr (3-6 nested)	2-3.5 hr (3-6 nested)	4-12 hours (3-5 nested)	2-4 hours
Regulatory Class	N/A								Class 1		Class 1		Class 2		PPE	Class 2		

** Labor savings of 3D printing fabrication compared to traditional methods are substantial, but not quantified here. Assumes 10% waste per bottle. All products 1 kg except KeyMask™ (0.5 kg)