



RETURN ON INVESTMENT CALCULATOR

Zirconia/E.max Machining

ZIRCONIA INPUT: PRODUCTION MATERIALS/TIME

ITEM	QUANTITY	AMOUNT
ZIRCONIA BLANK DISC (14mm)	1	\$ 125.00
UNITS PER DISC	1	23
TOOLING COSTS: 2.0mm		\$ 78.00
TOOLING COSTS: 1.0mm		\$ 54.00
TOOLING COSTS: 0.6mm		\$ 60.00
TOOLING COSTS: 0.3mm		\$ 81.00
TOOLING CONSUMPTION (UNITS/TOOL): 2.0mm		60
TOOLING CONSUMPTION (UNITS/TOOL): 1.0mm		200
TOOLING CONSUMPTION (UNITS/TOOL): 0.6mm		200
TOOLING CONSUMPTION (UNITS/TOOL): 0.3mm		300
AVERAGE MACHINING TIME (UNITS/HOUR)		3.75
PRE/POST PROCESSING (HOURS/UNIT)		0.167

E.MAX INPUT: PRODUCTION MATERIALS/TIME

ITEM	QUANTITY	AMOUNT
E.MAX BLANKS	1	\$ 30.00
TOOLING COSTS: 2.0mm	1	\$ 78.00
TOOLING COSTS: 1.0mm	1	\$ 54.00
TOOLING COSTS: 0.6mm	1	\$ 60.00
TOOLING CONSUMPTION (UNITS/TOOL): 2.0mm		15
TOOLING CONSUMPTION (UNITS/TOOL): 1.0mm		15
TOOLING CONSUMPTION (UNITS/TOOL): 0.6mm		25
MACHINING TIME (UNITS/HOUR)		3.333
PRE/POST PROCESSING (HOURS/UNIT)		0.25



Please provide input data below for: Equipment Operating Expenses and Revenue Data



PER UNIT COST: ZIRCONIA

MATERIALS: ZIRCONIA	\$ 5.43
MATERIALS: TOOLING	\$ 2.14
LABOR	\$ 6.25
MACHINING TIME	\$ 5.33
TOTAL COST PER UNIT: ZIRCONIA	\$ 19.16

PER UNIT COST: E.MAX

MATERIALS: E.MAX	\$ 30.00
MATERIALS: TOOLING	\$ 11.20
LABOR	\$ 9.38
MACHINING TIME	\$ 6.00
TOTAL COST PER UNIT: E.MAX	\$ 56.58

RETURN ON INVESTMENT (MONTHS)

1.95

PROFIT ANALYSIS

TOTAL ANNUAL ZIRCONIA/E.MAX REVENUE	\$ 235,500.00
TOTAL ANNUAL OPERATING COST	\$ 51,187.30
TOTAL ANNUAL PROFIT	\$ 184,312.70
PROFIT MARGIN	78%

INPUT: EQUIPMENT DATA

TOTAL EQUIPMENT COST	\$ 49,000.00
PRODUCTIVITY RAMP TIME (DAYS)	10

INPUT: OPERATING EXPENSES

ITEM	AMOUNT
EMPLOYEE HOURLY RATE (\$/HOUR)	\$ 30.00
EMPLOYEE BURDEN RATE**:	25%
LAB BURDEN/OVERHEAD (\$/HOUR)***:	\$ 20.00
TOTAL (\$/HOUR)	\$ 57.50

INPUT: REVENUE DATA

AVERAGE ZIRCONIA SALES PRICE (\$/UNIT)	\$ 149.00
ZIRCONIA SALES VOLUME (UNITS/MONTH)	75
E.MAX SALES PRICE (\$/UNIT)	\$ 169.00
E.MAX SALES VOLUME (UNITS/MONTH)	50

ANNUAL COSTS

MATERIALS	\$ 22,891.30
TOOLING	\$ 8,646.00
LABOR	\$ 11,250.00
OVERHEAD	\$ 8,400.00

MONTHLY PAYMENTS*

	24 Months	36 Months	48 Months	60 Months
CAPITAL LEASE: \$1.00 BUY-OUT*	\$ 2,350.53	\$ 1,632.19	\$ 1,274.98	\$ 1,060.85
OPERATING LEASE: FAIR MARKET VALUE BUY-OUT*	\$ 2,152.57	\$ 1,505.77	\$ 1,183.35	\$ 991.76

* Payments are estimates only. Final rates will be higher or lower based on date, credit history and payment structure.

EXAMPLE RETURN ONLY.
PLEASE CONTACT US FOR
AN ROI BASED ON YOUR
BUSINESS.